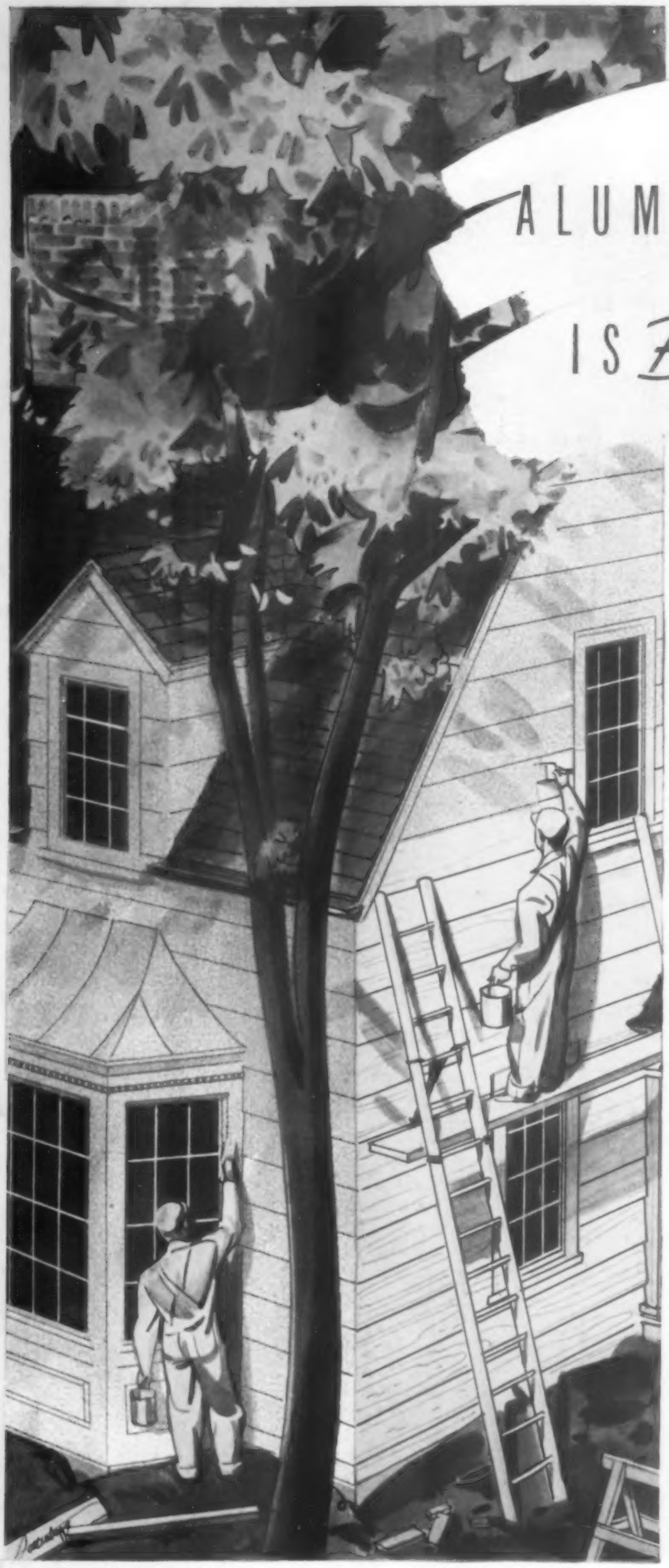
# The AMERICAN HOME

10¢

APRIL 1936



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A CERTIFIED INTERVIEW
WITH DEPUTY SHERIFF PAT ENOS,
OAKLAND, CALIFORNIA

"I DIDN'T HAVE to look at all three," says Deputy Sheriff Enos, "to be convinced Plymouth was the car for my job. My three brothers did that for me.

"Each of my three brothers now owns a Plymouth. I got in their cars—saw how easily they rode—how easy they were on gas—how 100% dependable. There just wasn't any argument left.

"A man in my line of work has to have a car he can count on . . . you never know when you'll need it—and need it bad.

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**HERE ARE THREE of the Enos brothers—with their Plymouths (one brother absent from this group picture). The first three who owned Plymouths were so enthusiastic that today all four Enos brothers own Plymouths.**

**"A MAN IN MY LINE of work looks for evidence. I found there was plenty in favor of Plymouth."**

**"IT CERTAINLY saves oil and gas . . . I found out that my three brothers weren't overstating on that point."**

**DEPUTY SHERIFF PAT ENOS with his beautiful 1936 Plymouth . . . safest car in the low-price field, with its 100% hydraulic brakes and Safety-Steel Body. "It's a beauty . . . a car I can always rely on," says Mr. Enos.**

# PLYMOUTH BUILDS GREAT CARS

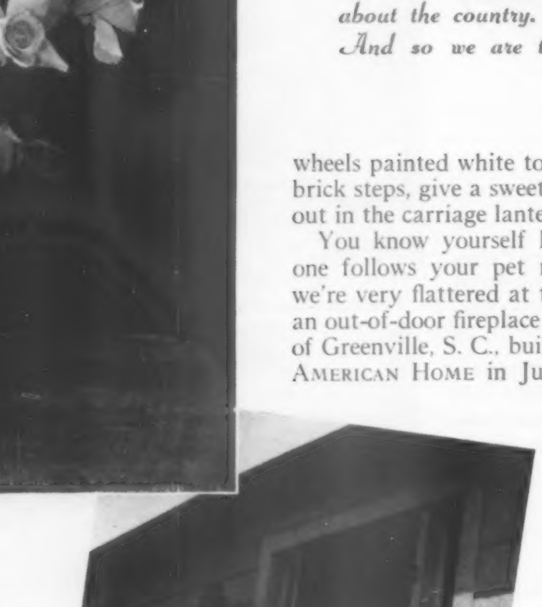
# IT'S YOUR TURN!

*On this page in the past we have told you about the things we have been doing—what new booklets we have published; what new books we have been reading; what we have observed in the field of home building, remodeling, and decorating in our travels about the country. This month it is your turn! And so we are turning this page over to you*

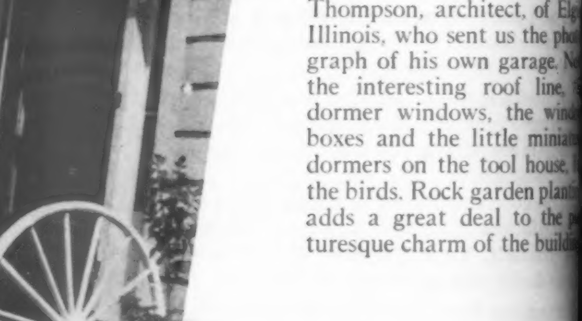
WE, FOR one, never tire of new ideas for flower arrangements. To be sure, flowers often seem a luxury in the winter, but after all, if you love flowers it's impossible to turn your affection on in the summer and turn it off in the winter—it just naturally goes on the year through! And so really we are entitled to a few posies whether the garden is green or white with snow. And Miss Marian Webb, of Fort Wayne, Indiana, agrees with us, for she sent us the charming photograph above of a delightfully original idea. She has put her blossoms in a fine old cruet, the kind that used to hold vinegar and oil and the other favorite family condiments. She did not say whether or not hers is an old family piece. But it doesn't matter, really, for pieces similar to this are often to be found in curiosity shops. Its an idea for now and all the year round.

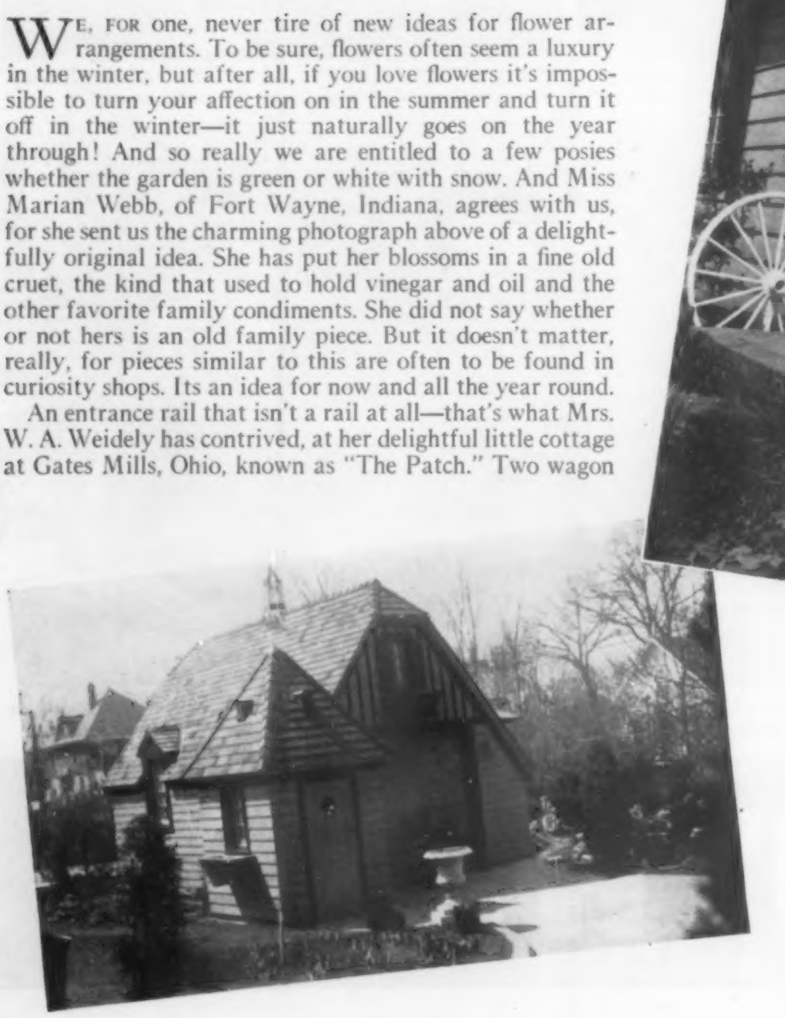
An entrance rail that isn't a rail at all—that's what Mrs. W. A. Weidely has contrived, at her delightful little cottage at Gates Mills, Ohio, known as "The Patch." Two wagon wheels painted white to match the house, either side of brick steps, give a sweet country atmosphere, nicely carri out in the carriage lantern by the door.

You know yourself how flattered you are when som one follows your pet recipe or decorative scheme. W we're very flattered at the photograph below, which sho an out-of-door fireplace at the home of Mrs. Ernest Patt of Greenville, S. C., built after directions published in T AMERICAN HOME in June, 1935. We can almost taste hamburgers and weiners!

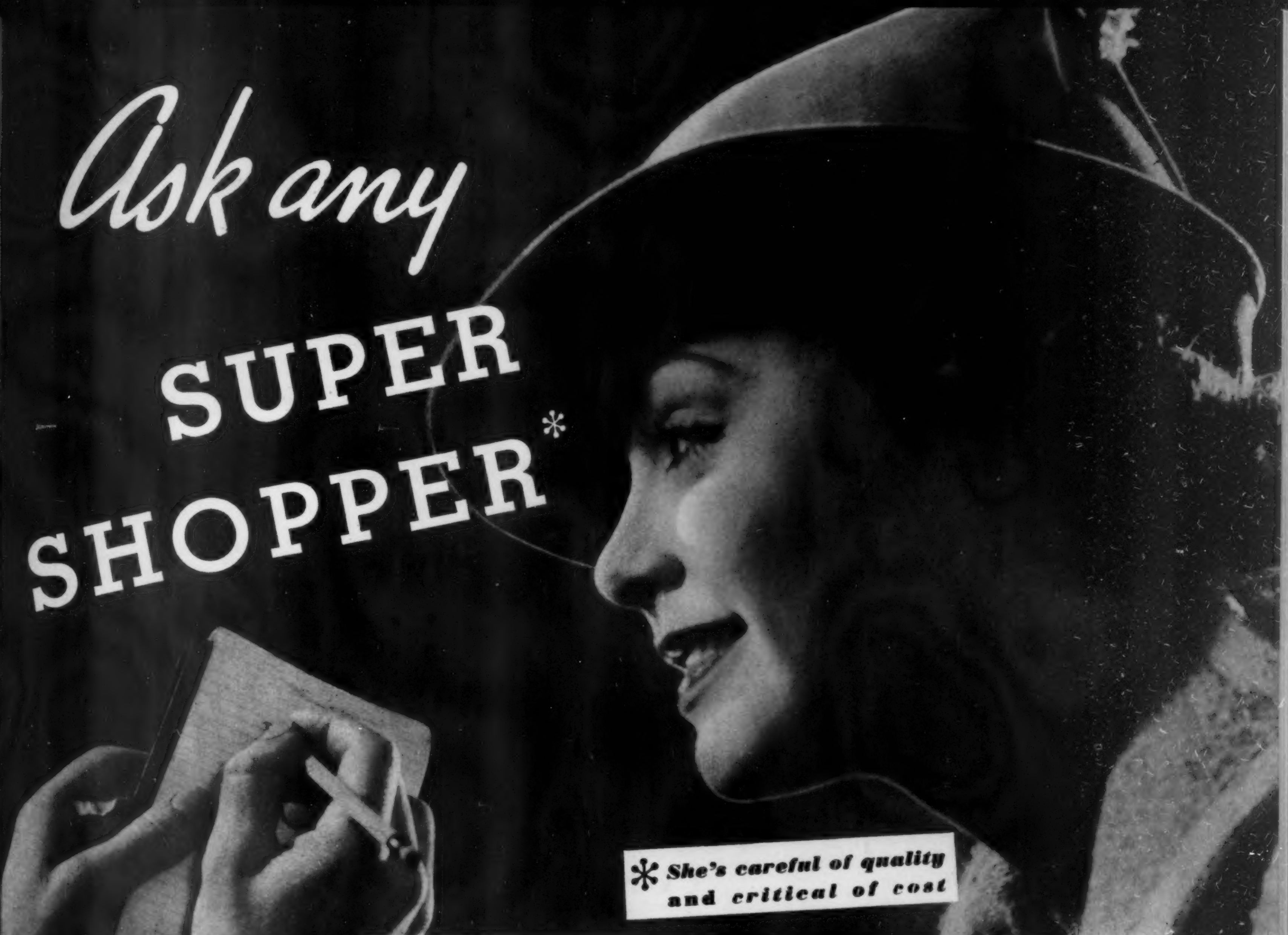


Someone has been very genious in planning a combi tion garage and tool house th shows much more originali than many of the backya garages we have seen. We su pect that person is LeRoy Thompson, architect, of Elg Illinois, who sent us the pho graph of his own garage. N the interesting roof line, dormer windows, the wind boxes and the little miniat dormers on the tool house, the birds. Rock garden plant adds a great deal to the p turesque charm of the buildi





Almost without knowing it we find we set up certain standard considering the many new ideas that come filtering in to us fr readers, from manufacturers, from the shops. These show originali good taste, and real soundness. The readers' ideas on this page m these specifications, we think. And we shall be glad to know ab others. Remember that we have space for only those which ca messages to a great many readers rather than isolated problems.



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*Left: Garden of Mr. and Mrs. Paul Peterson, Princeton, Indiana. Right: Garden of Mr. and Mrs. John F. Simmons, Birmingham, Alabama*

*Below: Pool in the garden of an American Home reader, Mrs. Creutzfeldt*

*Below: Garden of Mrs. J. Mansfield, Rockford, Ill*

*Above: Home of Dr. Ernest A. Du Brul, Brightwaters, New York*

APRIL, 1936

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*Left: Pool in the garden of Mrs. Belle Hammer, Modale, Iowa. Center: Home of Mr. and Mrs. C. F. Stonecipher, Hendersonville, North Carolina. Right: Garden of Mrs. Ross Loughborough, Rochester, New York*

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A H 436

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*A Magnolia tree brings spring to a New Jersey garden*

# GARDENS and MORALS

*A young author once wrote a story which he considered an exciting and thrilling mystery yarn. He titled it "Murder in a Garden," and sent it to an English publisher. The publisher immediately answered and said, "Story good but title very bad. People do not murder in gardens."*

NORMA KNIGHT JONES

The publisher was quite right. Being English, a garden was to him, a sacred place. That title would have been equally distasteful to most of us who are learning, year by year, the precious necessity of a garden. Murder in a garden would be as unbelievable as murder in a church, or at a shrine! For a garden serene and sure of its certain intimacy with the secrets of life, is the last place in the world for an exhibition of premeditated violence.

In fact all the human passions, brutal and cruel as can be conceived by mind of man, find an ameliorating influence in a garden. When you walk in a garden, wrapped in a happy dream of color and fragrance, you are conscious of a kindly feeling toward your dearest enemy.

A garden answers the very first laws of a definite morality, because it concerns itself with fundamentals. A garden breeds patience, hope, faith, perseverance, and love. You have to be patient in your love for a garden; you have to be devout in your faith; you have to be hopeful in your perseverance. None of the superficial gestures of a worldly wisdom bears grace in a garden.

I have a dear friend who proved recently that gardening is a distinctly moral occupation. She had owned a large estate in the East. She engaged the expensive and highly specialized services of a landscape artist, who surrounded her Colonial house with an impressive garden, formal and impersonal. He brought the flowers into the house and she arranged them in an equally formal and impersonal manner. But something happened: with the loss of most of her income and the large estate, she is tending a smaller and more personal garden herself. She wrote me saying, "I am bitten by a garden bug and have a well-developed case of garden rabies—and love it. I have discovered a new world! I was growing hard, cold, and supercilious and now I am learning to be tender, warm, and gentle. I am learning how to live from my garden." Then she added, in a whimsical postscript, "Just think of the money I paid that landscape artist to increase his moral fiber."

She has realized that the making of a garden does open the door of a new world, that it does impart moral strength. I believe that making a successful garden requires a moral fiber second only to rearing a child and it is equally uncertain. The strength comes from your application to the job; that is why rearing children and making gardens are so valuable to human beings.

In this modern age of scepticism and sophistication perhaps it is rather mid-Victorian even to speak of morals. Yet there are certain fundamentals of the human soul that make for decency, civilization, and culture—in the final analysis—for the foundation of morality. No other subject, except the weather, has been so widely discussed as morals. Mark Twain said: "Everybody talks about the weather but no one does anything about it." Today we have moments of despondency when we believe no one is doing anything about morals. Despite the wide conversation and numerous books about morals, the common conception is rather vague.

Someone has said, "Morals are the ethics of personal conduct." Very good, but it must be remembered that personal conduct is governed not only by geography, and climate, but also by race and the unwritten traditions of a people. There is the blue clad Chinese peasant burning his scarlet candle before the wooden faced goddess of the good earth. There is the pious Hindu prostrating himself before the fearful and ancient god, Shiva. Both are conducting themselves according to their idea of personal righteousness; both are conducting themselves with profound sincerity. Though it seems strange to us, yet it is in the line of their moral conduct. It is difficult perhaps impossible to set up a dogmatic standard to measure a person's morals.

But there is something deeper and infinitely more significant than the moral gesture, something that goes beyond geography and race, and that is the real integrity of the human spirit. This is morality of the soul, and concerns itself with the universal virtues, such as patience, hope, faith, perseverance, and love. These qualities in any country or race make for decency, civilization, and culture. These qualities, which in some degree lie dormant in each human being, ally themselves with the laws of Nature. To be patient as the earth is patient for recurring life and vigor; to be hopeful as the silver birch is hopeful for its returning splendor; to have faith in the resurrection of summer following the death of winter; to love because you create: these are evidences of a definite inner morality.

It is curious how all these sterling and important virtues come to the person who makes a garden. Where, in this world of doubts, is the simple act of faith more inspiring and more stubborn than in the actual planting of a tiny seed? Where, in this impatient world, is the attribute of steady patience more assiduously applied than in the slow process of garden making? Truly, to make a successful garden is to practise every ethical virtue.

Most of us desire to be good citizens, to be assets instead of liabilities to our community; we want a working and vital part in the natural happiness of the world. But how to attain that desire? Today we are faced with many alien forces that distract our minds, many desperate problems that demand solutions. In order to live with any degree of happiness, we must build up a wall of personal resistance. It is impossible to live without a personal philosophy, it is our armor against the biting blows of an adverse world, it is our road to a contented life.

But in order to be an asset of value to our community, this personal philosophy must never be of purely selfish intent. It must be an altruistic development of benefit to others as well. It is amazing how making and possessing a garden of one's own, encourages this personal quality of resistance to the world's importunities. Also how definitely it benefits the other fellow. A garden is a two-edged blessing, as are all blessings, magnifying its beauty and value equally to its creator and its beholder.

I do believe that a garden yields more physical, mental, and spiritual profit than any other human activity yet devised. Making a garden is the most effective method of inducing physical well-being: it is the most efficacious avenue of education; it is the wisest road to spiritual understanding; and any activity that can accomplish these three purposes is indeed a priceless aid to morality.

Let us glance at some of these ethical benefits that accrue to the makers of gardens. On its purely physical side, nothing so quickly gives a return of bodily fitness as garden work. It is far better than exercise in a stale gymnasium. It is far more moral than golf, because the results are never completely personal. Perhaps no one is vitally interested in your golf score except yourself; but the same amount of interest and exercise expended on a garden is of interest and delight to the whole community. Even if we do not share our garden in the strictest sense, its riot of color, its soaring fragrance, and its natural beauty belong to any casual passer-by.

This bodily renovation from the making of a garden is keenly understood by psychiatrists of today who know and understand the needs and ails of the human soul; they often recommend making a garden as the means of restoring a lost interest in life. They recognize

[Please turn to page 108]

SWEET
WHITE
VIOLET

# Native plants for SHADED GARDENS

ELIZABETH ANNE LYNCH

ALL too frequently, a densely shaded area becomes a problem. This is especially true when an attempt is made to grow grass with the discouraging result of a few green blades here and there and an abundance of bare brown soil. Of course it would be impractical to use the space for a garden with the more common sun-loving annuals and perennials, so why not follow Nature's lead and make that shaded area a natural dell of native American plants that thrive only in the shade of woods and trees? Since few of the woodland plants produce conspicuous flowers, the effect will be a green garden—a tranquil retreat from the heat of a summer sun.

For such a native green garden, ferns are the foundation to which other gems may be added. There are numerous ferns and an acquaintance with one or two instills a desire to know the whole family. The majority of ferns prefer shade and many will grow in a rich semi-moist soil. Some are adapted to growth among rocks. A study of a fern in its native habitat will reveal the type of soil best suited to its particular needs. There are: tall-growing, medium and low-growing ferns; some are evergreen; there are those of delicate and coarse textures; but all are green and all add an interesting accent to a natural development. The following is a list of ferns selected for different soil conditions.

*For dry shady places:* Hayscented fern (Dennstedtia punctilobula), Leatherwood fern (Dryopteris marginalis), Interrupted fern (Osmunda claytoniana), Christmas fern (Polystichum acrostichoides), Ostrich fern (Pteretis nodulosa).

*For moist shady places:* Maidenhair fern (Adiantum pedatum), Lady fern (Athyrium filixfemina), Crested Wood-fern (Dryopteris cristata), Royal fern (Osmunda regalis), Christmas fern (Polystichum acrostichoides).

*For dry rocks:* Ebony Spleenwort (Asplenium platyneuron), Walking-leaf fern (Camptosorus rhizophyllus), Common Polypody

**BLOODROOT, blooming in early spring. Later, the flowers give place to the glaucous gray-green leaves**

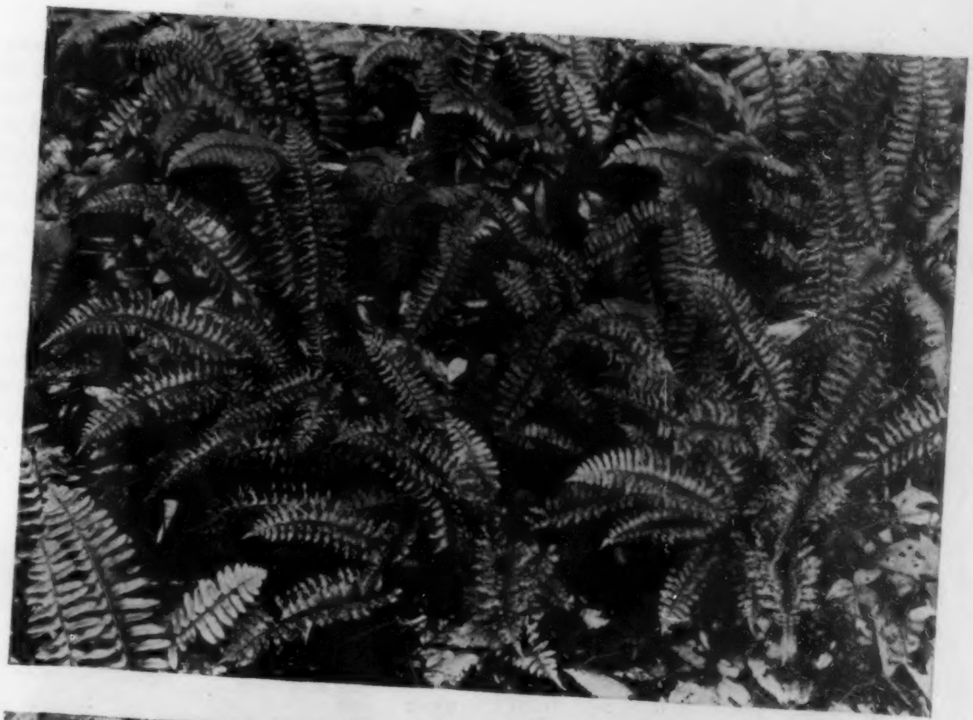
(Polypodium vulgare), Woodsia (Woodsia obtusa).

Ferns are best transplanted when dormant, that is in either fall or early spring when growth is inactive. Prepare the soil where they are to be planted by loosening and adding leafmold and loam if necessary. Rocks are desirable near ferns as they have a tendency to keep the soil cool.

Other plants to group with the various types of ferns must be chosen largely for their foliage traits because woodland plants are in flower only a comparatively short time. Trilliums (Purple, White, and Painted) make interesting groups both when flowering and when not. Violets are adapted to shade and there are many kinds from which to choose including species with yellow, white, blue or purple flowers. The round green leaves of the Bloodroot are decorative, which compensates for such a short blooming period. Columbine foliage is dainty, and when in flower this plant adds an attractive color note. Wild-ginger with its unusual flower formations makes a green groundcover as do also the blue flowered Myrtle (Vinca minor) and the Creeping Dogwood or Bunchberry (Cornus canadensis). Jack-in-the-pulpit furnishes an amusing emphasis among the greenish flowers. Anemone, Hepatica, Solomon's-seal (both the True and the False), Lily-of-the-valley, Pipsissewa, Closed Gentian, blue Lobelia, Meadow-rue, and the various Ladyslippers will all adapt themselves to artistic groupings featuring green. Celandine (Chelidonium), looked upon by some as a mere weed, is a most dainty, as well as hardy, plant for a green garden. It has a delightful green foliage with small yellow blossoms and since it selfsows its seeds profusely, it quickly covers a bare area.

Often another color will so contrast as to emphasize particularly the restful color of green. A bright spot of red Bee-balm (Monarda) blooming among foliage will tend to make the leaves seem exceedingly green. The brilliant red of the Cardinal-flower has the same effect. Paperwhite Narcissus in bloom against a bank of ferns makes both the green and the white unusually emphatic. If the location be at all swampy, Marsh Marigold will provide a mass of rich yellow during its blossoming period. Deep blue flowers stand out least of all against green.

A path winding through the natural type of woodland garden makes its layout comparatively easy. Gray stones edging the path will form a picturesque setting



FERNS. Above, two of our outstanding Ferns which will add grace to any shaded glen. At the top, the Christmas Fern, evergreen; and below it the delicate Maidenhair

For gracefulness and foliage form; for diversity and for color brightness in deeply shaded glens, the Ferns excel all other plants. The picture on the left shows several of these leaf forms about which ferns and Violets may cluster. Stones are not always easy to obtain and their use may be eliminated by planting an informal border of low ground covers. On both sides of the path plants may be grouped according to their heights so that the tallest plant materials will be well in the background. It may be convenient to enclose the garden with tall shrubs. The native Rhododendrons and Laurel (Kalmia) would be quite ideal for this purpose, or in fact any of the usual shrubs that tolerate shade.

Although the chosen plants need little or no sunlight, most of them will appreciate a rich, well cared for soil. The complete area should be thoroughly spaded and if necessary richened. The plants placed in such a soil should respond to its fertile condition by covering the area with an abundance of healthy green foliage. And, strange as it may seem at first thought, a garden consisting chiefly of green foliage will provide a great deal of pleasure to its creator. Interest of course will center about the various types of foliage and the way the plants are grouped. Such a garden furnishes a pleasant diversion from the more common (and hence more trite!) gardener's specialties—the rock garden and herb garden—and may eventually lead to the fascinating and worthwhile hobby—that of collecting ferns.

The following ferns are native to a large section of our country and their interesting habits will warrant their presence as a nucleus to the fern collector's garden in the shade.

The Common Polypody is one of the most widespread ferns in the world. It thrives on a rocky ledge and occasionally grows on the trunks of trees and fallen logs. It spreads rapidly by means of its roots, a fact which is responsible for its name, polypody—many feet. This fern is admired for its fresh green fronds the greater part of the year for, if the winter is mild, the plants will retain their summer vigor during this season. The young fronds appear in spring and by the middle of July the yellow fruit-dots, by which the fern reproduces, are well developed on the under surface of the leaf. So beautiful did Thoreau find the polypody that he marveled that its form had not been copied by our sculptors in place of the foreign acanthus leaves and bays!

The Maidenhair is a favorite fern to many. Its appearance suggests fragility, yet it is not difficult to cultivate. It luxuriates and rewards its grower if planted in a rich, moist woodland soil. Its dainty green leaflets are upheld by even daintier shiny black stems from which the name maidenhair doubtless originated. A healthy group of this fern is an asset to any native garden not alone for its beauty but also for its utility. For a sprig of Maidenhair will do wonders in bedecking a fastidious nosegay of delicate summer blossoms.

The Christmas Fern is perhaps the best known of the evergreen ferns. Because throughout the winter its fronds are a beautiful shiny dark green, this fern is widely cultivated for winter decorations. It grows abundantly in rich woodland soil and hence is well adapted to shade. During the summer the Christmas Fern stands erect but with the coming of cold weather, the fronds lie prostrate on the ground due to the decay of tissues near the stalk base. Thus they remain all winter until early in spring the new fronds appear. Their delicacy of color contrasts pleasingly with the dark leathery fronds of the previous year. It is not uncommon for this fern to produce a second growth of fronds during the month of August. The variety crispum may be recognized by its ruffled pinnae (leaflets) and will be found growing in rich wood soil.

MARSH MARIGOLD. Its brilliant gold enlivens the swampy margin for pools and streams

TRAILING ARBUTUS, the Mayflower of New England, pervades the air with fragrance and thrives in rotted wood and humus with a northern exposure

Another evergreen fern that is not as common as it is interesting is the Walking Fern. It prefers to grow on shady limestone rocks and for this reason its habitat is limited. During the summer the tip end of a long frond of the Walking Fern is thrust into surrounding mossy soil where it gives rise to a new plant. At this point rootlets and tiny fronds appear and the fern has "walked a step" farther. During the following summer the young plant severs its con-

HEPATICA, that often shelters itself at the base of shrubs and blooms in the earliest spring, even under the snow; blue with pink and white variants. It is one of the most reliable of our natives and easily establishes

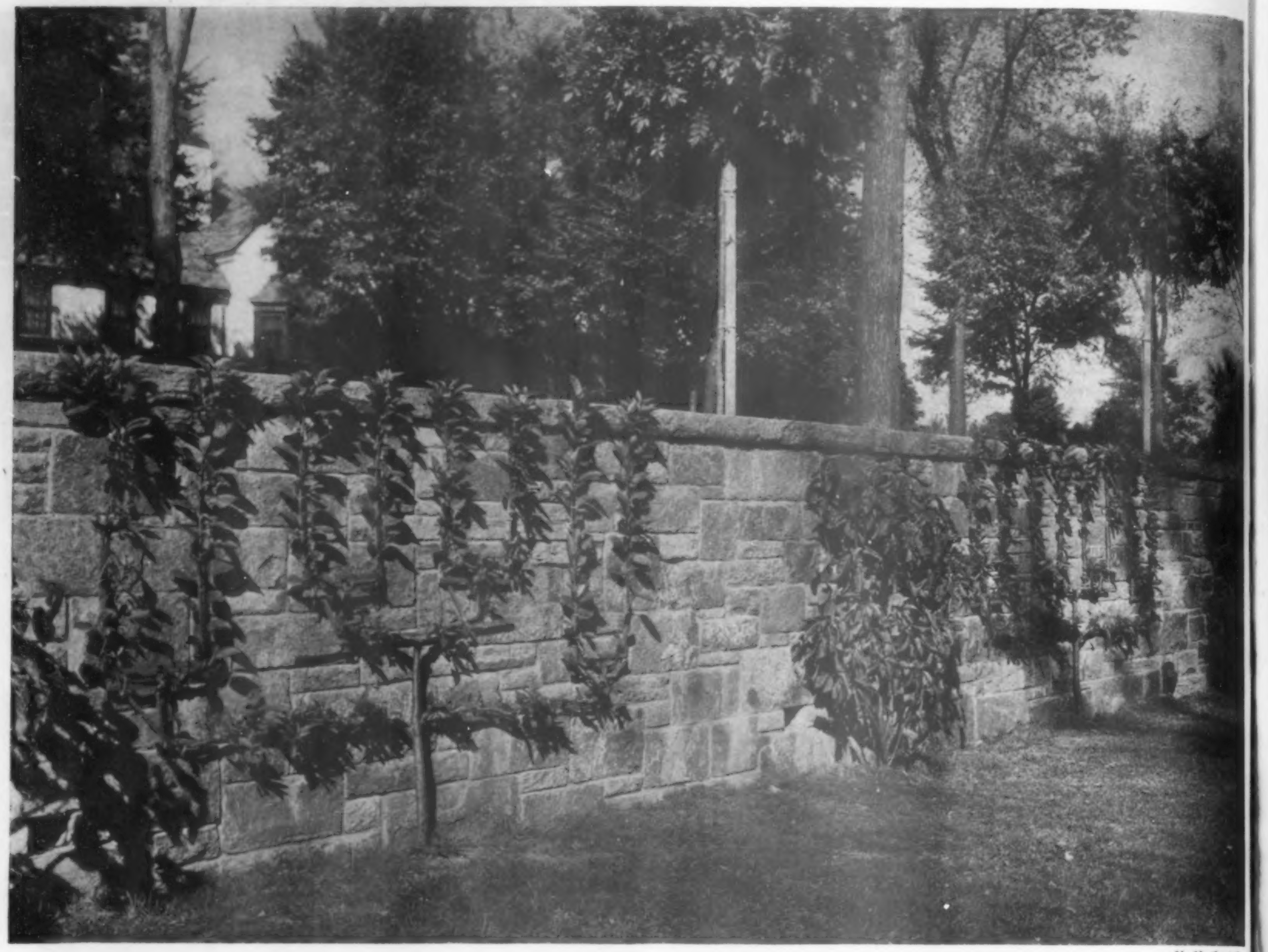
nections with the original fern which soon withers away. The plant itself is not, strictly speaking, fernlike in character. The fronds are not divided into pinnae or leaflets as are most fern fronds, but that it is a fern is assured by the sori or fruit-dots on the under side. If soil conditions are favorable to the Walking Fern, it will present a diverting feature in one's fernery.

Among the common larger ferns easily cultivated in a native garden are the Cinnamon, Interrupted and Royal Ferns. They thrive best in a damp soil. All three are known as flowering ferns because their fruiting fronds are flower-like in character. The fertile fronds of the Cinnamon fern are characteristically cinnamon brown and appear in May. During the summer they wither and disappear from sight among the tall green sterile fronds. The Interrupted Fern is often confused with the Cinnamon. Near the middle of a fertile frond of the Interrupted Fern there is an "interruption" where the fertile spore cases are borne. These form the flower-like parts of this fern. At the tip of a fertile frond of the beautiful tall Royal Fern, the fruit is formed in a cluster which strikingly resembles an odd flower. The Royal Fern is particularly admired for its graceful foliage of beautiful green.

In planning a garden in the shade which will provide greenery during the spring and summer months, opportunity for color display in the fall should not be overlooked. Native woodland plants proffer abundant material for color harmonies and contrasts. The Hay-scented Fern glows with a delicate yellow and bleaches white at the first sign of frost. Woodbine in autumn is a glorious combination of red and gold. A background of Sumac furnishes red-orange foliage and dark red fruits which may be used effectively for indoor decoration. Berries of the little woodland plant Clintonia turn a vivid blue. The berries of the Baneberry are pure white with a black spot, thus giving them the appearance of doll's eyes! These berries are borne on a dark red stem. Trillium, Jack-in-the-pulpit and Solomon's-seal all provide bright berries. Bittersweet with red and orange berries, Elderberries of black, and the brilliant red of the Winterberry furnish an assortment of color and form. And so, even in autumn, with this varied collection of foliage and berries one may gather from a native garden as fair a bouquet as ever was picked from a cultivated garden.

Individual circumstances, of course, will influence what will be planted in the native garden. A shaded area might include a bog, in which case the golden Marsh-marigold would be a joy. It might be a rocky hillside where the fragrant Arbutus could be grown. Or it might be a dry pine woods where the Pink Ladyslipper, Wintergreen berries and the Rattlesnake Plantain would thrive. Whatever the soil condition may be, there are numerous plants from which to select an attractive grouping to form a native garden in the shade.

LADYSLIPPER. One of the rare gems of our native woodlands is the Pink Ladyslipper. It lends itself not at all easily to transplanting into gardens but by adequate soil preparation may be established. The wise planter will get nursery grown plants from specialist dealers



H. H. Costain

# TRAINED FRUIT TREES for your garden

HANNAH REID WALKER

If you have tried almost everything else in your garden and crave something different as well as charming, it is quite likely that trained fruit trees will please you. Although not difficult to raise and commonly seen in European gardens, these trees are still rather rare with us. A joy to the eye when in blossom and a joy to the taste when in fruit, they readily appeal to any gardener.

Where economy of space is a factor trained fruit trees are indeed a boon. Taking almost no ground or air space, they spread out their branches over wall or fence. But even where space is unlimited you may prefer the trained trees because of their unusual decorative possibilities.

You may have your choice of nectarines, peaches, pears, apples, apricots, plums, cherries. The term used to denote training trees in this way is espaliered, from the French word *espalier*, meaning trellis, and refers to the training of fruit trees for walls, fences, or as borders to the walks of the kitchen garden. Some are trained horizontally, other perpendicularly, and some with branches turned up at right angles from the horizontal. The angles, by checking the growth, promote early fruiting.

When the trees are trained against the wall a space of six to eight inches should be allowed between tree and wall to permit air circulation. The wall should be wired horizontally with about one foot between the wires. When a wall is not to be used a trellis or other support may be easily provided.

The trees come to you on frames which should be left on for about a year after planting. This will give them a chance to get well started in the way they are to go, preventing them from lifting up at the angles.

All shoots longer than four inches are to be cut back to two and a half inches about once a month during July, August, and September. In the spring and winter the previous year's top growth is cut back to two feet. This causes the tree to produce bearing spurs. There should be between two and three inches between spurs.

It is best for balanced effect to keep the main branches of the trees equal in length. After the desired height has been reached cut back the branches to one eye each year. If they then become too high they can be cut down below the level of new growth and space thus allowed for future new growth. These trained fruit trees may be raised to almost any desired height, ranging all the way from five to fifteen feet.

Peaches and nectarines require slightly different treatment from the other trees. The pruning should be done during the summer. Every new shoot should be pinched to two eyes, resulting in obtaining two new young branches. In the following spring one of these branches should be allowed to bloom and the other pruned down to two eyes. This, in turn, gives the two young branches for the coming year. This practice carried out every year furnishes a contant new supply of young wood. It keeps side branches from becoming too big and taking all the strength. This method almost doubles the era of productivity. During the dormant period the bearing spurs are easily recognized, for all the blooming eyes are double. For this reason it is easy to decide which bunch to leave. When the side branches of peach trees have attained fifteen inches they should be tied back to permit the sun and light to reach the eyes, as the bearing eyes develop on the new wood during the months of September and October if exposed to the sun.

*Many plants from the mountainous regions or from the glaciers on the roof of the world seem happy in almost any condition of sun or shade in the bog garden*

# RARE PLANTS
## *for the pool side*

**The showy Ladyslipper, in a congenial home, 3 feet high; and, above, left, a new Primula from Asia, P. Loezi, for the drier edges and partial shade; and Washington Lily, left, to be tried only where really swamp conditions prevail**

ANDERSON McCULLY

Bog gardens are moist, but should never be stagnant, gardens more usually filled with soil considerably richer than that found elsewhere. It is not strange that so many plants thrive exceedingly well here, not strange that lists of those recommended grow so long. What is more surprising is that we so many times attain real beauty from the conglomerate material that never was designed for neighborliness.

Bog gardens differ. In dealing with wide marshy stretches on large estates, we are glad to welcome bold shrubs of wide spread, even trees; and doubly welcome are those plants ready to fare forth and conquer the earth once given a foothold. But more often the bog at hand is the curtailed part of our garden—the ground near the pool or along the tiny streamlet, a small space moistened by an overflow outlet, possibly the bottom of some small wooded ravine. For choicer places of this type we seek rather the more elusive plants of beauty—Ladyslippers, Gentians, certain Lilies, some Primulas and Saxifrages; while toward the drier edges Rhododendrons bring foliage and blooms of beauty to enclose the little garden. Many of the Heaths grow well among them. Fairly recent hybrid Astilbes raise soft spires of flushed pink. Then for wet rocks are several unusual Sedums that mock the tastes of all their family. The Western S. yosemitense is among these.

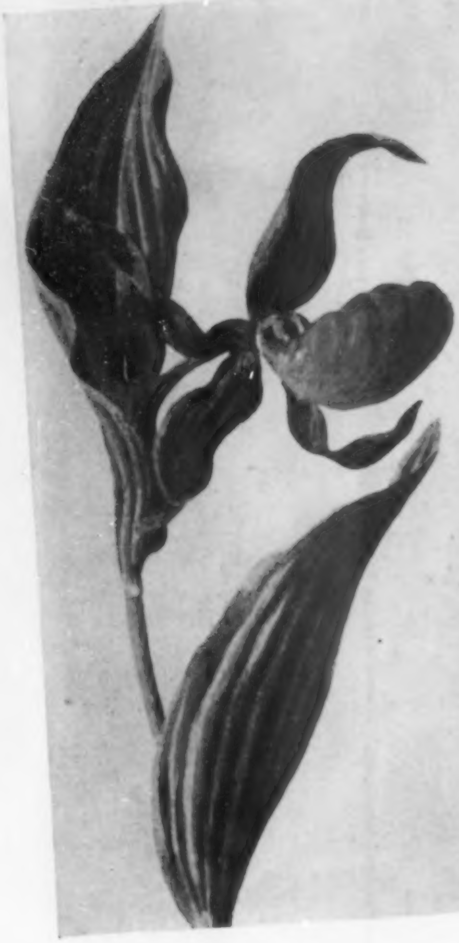
North America is rich in Gentians that grow in boggy places. Many are excellent for large gardens; but in choosing from them we need to go somewhat warily if we are seeking color, for wet place Gentians tend so often to overmuch leafage and exceedingly little bloom. The Fringed Gentian is a true beauty, but unfortunately seems to be of a parasitic nature as well as biennial. It is difficult to grow away from its native swamps. One dealer claims to have good nursery grown stock for transplanting, but advises strongly against the use of any undecayed leafmold with it.

Of seemingly easier temperament is the Western Fringed Gentian (G. elegans), also a biennial, but one that apparently grows much more readily from seed. This is a somewhat darker azure blue, but a truly beautiful flower that stands close to the European G. serrata.

For a small choice treasure with considerable moraine mixture in the bog, irreproachable drainage, and a place in the sun, the Spring Gentian (G. verna) makes a handsome little marching host. G. bavarica may also be used. Let some of the daintier moisture-loving Saxifrages accompany these—S. tolmiei or S. bronchialis of British Columbia in similar moraine mixture. S. aizoides does well in more usual bog.

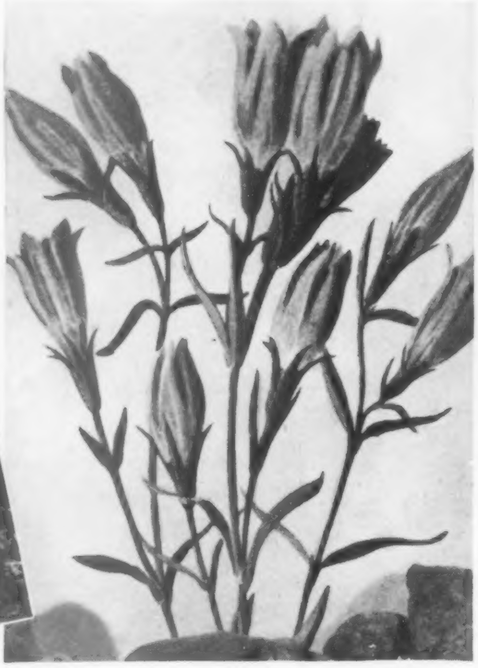
Then we have a group of Gentians from the mountains of our West that are moderate in stature, large in flower, and small in leaf, with easy dispositions that yet refrain from ramping—G. calycosa and the still finer G. bisetae, more compact in habit and larger in flower. G. parryi of the Rocky Mountains belongs to this group, but has more purple in its coloring.

**These for the pool side: conditions are, of course, exceptional and such plants as enjoy the water-laden swampy environment do not take kindly to conditions of the normal flower bed. Immediately below, one of the Gentians, Gentiana pneumonantha, a representative of a fascinating group of plants that demands special conditions, however**



**Western Ladyslipper, Cypripedium montanum**

**Asiatic Ladyslipper of doubtful identity**



These all give good mid-summer bloom in gardens, often holding into fall.

In larger gardens when a foliage as well as a blooming plant is desired, the pneumonantha group may be called upon. The type itself is a deep indigo blue that blooms all summer, usually from eight to twelve inches high. This is for a sunny exposure, while the Willow Gentian (G. asclepiadea) is two or three times as tall, and prefers a shaded wooded slope.

The Ladyslippers are treasures for the woodsy bog with peaty soil. The Showy Ladyslipper (Cypripedium spectabile) forms a handsome clump of bloom. The more usual forms bear a rosy-purple slipper with white segments; but from time to time it is found with a truly bright pink slipper and rosy, or even snowy-white sepals. This is late blooming among the Cypripediums, coming in June. It is most often around two feet in height, though it sometimes reaches three.

All the Ladyslippers are surface rooting, spreading through the top leafy soil of the moist woodsy places where they grow, while each season's falling leaves add humus and protection. See that the top five or six inches of soil is made up of a loosely rich compost of peat, leafmold, sand, loam, and stone chips or gravel. Into this the clump should be shallowly set with the following year's buds above the ground. Even very little extra covering of perhaps three inches has been known to kill a good clump of the Showy Ladyslipper, and the entire family is very intolerant of any soil in the crowns.

The best of the other native Ladyslippers readily obtainable are C. acaule, C. montanum, and C. pubescens. The first named bears blooms singly in May on naked six to eight inch stems above a single pair of leaves. The large pouch is soft rose, and the sepals and petals brownish-purple. There are records of white-lipped forms with wings of yellow, but I doubt if these are obtainable upon our market.

C. montanum is a fragrant leafy species a foot or two in height, with twisted brown segments and oval lip waxily white. These are borne several upon a shoot.

Cypripedium pubescens is a larger flowered form resembling C. parviflorum, and with habit somewhat similar to C. montanum. The lip is light yellow, and the twisted, yellowish-green petals, much narrower than the sepals, are streaked with dark brown lines. This is delicately fragrant.

We have another native along the North Pacific in Cypripedium passerinum that is well worthy a place in the garden. This is six to eight inches high, and has straight roundish segments that do not twist. The Canadian form offered is white with pinkish markings; but the English have it as a yellow bloom with dark spottings at the base of the lip.

Europe and Asia both offer some extremely beautiful Ladyslippers. For those who can acquire the rather scarce Cypripedium luteum, C. macranthon, and C. speciosum there are even wider delights open. C. calceolaris is an English form that rather resembles our C. montanum.

The ferns make a natural and pleasing setting for Ladyslippers. The dainty Maidenhair is ideal near the plants; and in the background the larger Cinnamon and Royal ferns appreciate the moist conditions. Vancouveria hexandra is a charming groundcover among them, with foliage that somewhat resembles the Maidenhair fern. Creamy sprays of bloom are borne through two months of early summer. The running roots form goodly colonies, but do not choke out other dainty plants. Note that the underground stem should be planted in a horizontal position, with any leafy stems standing erect. Cover with about three inches of friable loam rich in leafmold.

Practically all of the larger Asiatic Primulas are happy in the bog garden, will bear with considerable shade, and group well among the various ferns. P. burmanica is an introduction of the candelabra type from mountains of Burma, with striking many-whorled blooms of crimson-purple eyed with orange. The well known P. sikkimensis prefers a place near the water's edge, is one to two feet high, sweetly fragrant, and carries its heads of drooping lemon-yellow bells in May and June. The burgundy-crimson P. secundiflora companions it well. For a lush bold plant, P. florindae of this group nods its large umbel of yellow bells four feet above the base.

At the other end of the scale is the beautiful Himalayan Primula rosea grandiflora, not more than six inches high, and bearing heads of wide open carmine-rose flowers. Do not confuse this with P. japonica rosea of the candelabrum group, which while happy in the bog, is an entirely different plant around two feet in height. The little Himalayan comes from the glaciers on the Roof of the World, but seems happy in almost any condition of sun or shade in the bog garden, and will at times even march merrily into running water.

Of the bog Lilies L. pardalinum most delights in these conditions; but the bulb itself must be set above the water, though it takes a shallow planting with a covering of but four or five inches. Partial shade is best, particularly if the base may be protected while the flowers seek the sun. L. pardalinum relishes peat and leafmold, but abhors lime.

# Plants that like LIME

JESSIE F. GOULD

Some evidence has been offered that (broadly speaking) plants with blue flowers do better when the soil is limed. The Jackman Clematis, top, and our Western Pasque-Flower seem to support the theory

PERHAPS your garden would be improved by limings. It is a fact of the greatest practical value to the universal gardener that while the great majority of the plants that we like most to grow for garden ornament and for cut flowers will grow in neutral soils—neither definitely acid nor definitely alkaline, it is also a fact now pretty generally recognized by gardeners everywhere that there are some plants that demand an acid soil, and will not grow at all in any region or any soil that is distinctly limed or non-acid. This group of plants is a very popular one among gardeners, but cannot be universally enjoyed.

It is worth noting in passing that these acid-demanding plants are generally comprised in one great natural order or botanical group—the Heath family, including Azaleas and Rhododendrons as the best known members.

On the other hand there is a large group of plants that thrives best in a soil that has lime in it. When any use of the lime-liking (or calciphilous) plants is planned it is good common sense for the gardener to determine by a chemical test the nature of the soil to be used, and so ascertain how much lime it may be desirable to add to assure best results.

A rough sort of test may be made by blue litmus paper. If it turns red in contact with the soil moisture, the soil is acid and may be conditioned by liming. More exact are many of the specially prepared soil testing outfits offered through the chemical houses and leading seed stores which determine by colorific reactions the exact amount of conditioner necessary. Such outfits range in cost from one dollar up. Full directions for use come with the outfits, of course.

As there is constant leaching from the soil of both acids and alkalines through excessive watering or heavy rains, such tests should be repeated from time to time where definitely

While the ever-popular Nasturtiums will grow in almost any soil, still they will do their very best when slightly limed

acid preferring or definitely alkali (lime) preferring plants are being grown.

Soils lying over sandstones or shales are generally acid and in need of lime before full crops can be raised and so also are coastal soils in general; while soils produced from limestone are less apt to need added lime, except when covered by a deep layer of loess, or soil that has been deposited by the winds, and which may be quite different, often having been carried from a great distance; or when the soil has long been under cultivation.

Alpine plants divide sharply into two groups, having either granite or limestone affinities. Among the limestone liking group the Mountain Pinks are particularly responsive

The safest and cheapest form of lime to use, when needed, is finely ground limestone, or air-slaked lime, or marl, applied in the spring at the rate of ten pounds to one hundred square feet of bed space, every two years. Quick lime and water-slaked lime act very quickly and nitrogen, especially, may be lost before it is used. Bear in mind that lime is not a fertilizer, but an ameliorator of the soil, favoring the development of bacteria necessary in making available the nitrogenous compounds, by changing them into nitrates, or soluble forms. It will lighten clay soils; and on light sandy soils promote the growth of plant roots thus ultimately increasing the organic matter in such soils and making them more retentive of moisture. Mixed with layers of leaves, grass clippings, strawy manure, lime is a valuable addition to the compost heap, making a fine fertilizer for the home garden. It is an interesting fact that leaves of maple, elm, and basswood decompose rapidly and turn alkaline, while oak leaves are much slower in decaying and form an acid compost.

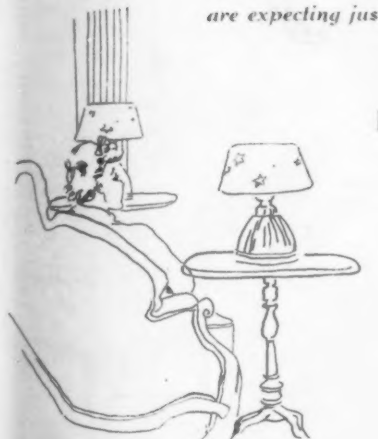
[*Please turn to page 111*]

Tall Bearded Iris (left) is definitely a lime liker. Iris indeed does well under other conditions too but a limed soil is a great health aid to the rhizomatous Irises—not the others

# BRIGHT HOUSEKEEPING

*For her flying trip "North to the Orient" with her famous husband, Anne Lindbergh had a hard time shopping to find one pair of shoes that would be suitable to "wear at balls and dinners, and also at teas and receptions and also for semi-sport dresses and also for bedroom slippers." Many homes are expecting just such versatility of their lighting fixtures!*

### HELEN G. McKINLAY



WE who do not fly to far away places, but build at home—or remodel or even relight a home in accordance with new ideals —we still appreciate her predicament. Take your own living room for instance. You want its one and only evening dress—light—to make it dazzlingly gay for big parties, cosy for intimate little parties. And in-between and always you want it to be ready for real work, prepared to provide a good reading light at desk and davenport, piano, tables, chairs, to make all the family comfortable of an evening. This is a lot to ask of a few lamps and a lighting fixture or two. But it is not too much to ask of the right combination.

*Light for living:* Since first things should always come first, consider the comfort of the family. If there are three who would like to read after dinner, and only one chair with good reading light, two new lamps are in order. Or one may be enough, if it is one of the Better Sight lamps which provides light for two chairs and to spare. The diffusing bowl under the shade directs ceilingward light from a "Threelite" lamp that will operate to give a *little* light for decorative effect; *more* for a single table of bridge; and at top-notch will give good light for reading, sewing, or several tables of cards. This lights the room in general very softly while the light filtered through the bowl adequately illuminates the book or work of the person seated under it.

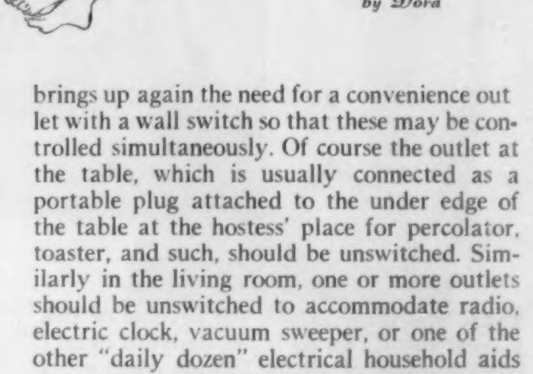
These semi-indirect lamps satisfy the requirements of good lighting in every way. First they carry a generous size bulb, which supplies light bounteously—and laboratory tests prove that as light is increased, the nervous tension required to see is decreased. Second, the light provided is broken up or diffused, and has therefore a pleasing quality with none of the glare and harshness that causes squinting and eyestrain. Third, this lamp provides its own lighting background. Directly it throws light on the book or sewing, and indirectly at the same time it lights the whole room a bit. This means that when you look up from your work you do not have to re-adjust your eyes to very dark surroundings.

It is to save yourself this constant eye-adjustment that you are advised not to read by a bridge lamp for instance, in an otherwise unlighted room. A bridge lamp with a 75-watt Mazda lamp and a light-colored shade (or one with a light-colored lining at least) will provide enough light for one reading chair. But elsewhere in the room a ceiling fixture, wall brackets, or another lamp should be turned on with it to provide the proper lighting background.

If your davenport is away from the wall, it may be lighted by a large lamp centered behind. Otherwise, two lamps are needed—one at each end. Let these have bases tall enough to bring the light up to serve your eyes—not your elbows. Let them carry bulbs large enough to supply an adequate amount of light for seeing. (A 25-watt, a 40-watt bulb cannot produce the light that the Science of Seeing prescribes for safe, comfortable reading.) Let them have shades light in feeling, and broad enough to create a wide circle of useful light. This does not imply that your living room should resemble a lamp store. The same lamp—if it is one of the "broadminded" Better Sight lamps that spread light over a generous area — may serve lounging chair, desk, and radio. Still the cord attached to this measures seven feet. With most other lamps the cord is only six feet long, serving to remind you that there should be a convenient outlet in every twelve feet of baseboard.

Of course there are many who do not enjoy the luxury of enough convenience outlets. They try to be happy without enough, and make-shift by using double sockets in the outlets they have, and draping long cords around the room to get light where they want it. But this picture is not pleasant. What a pity that these are often the very ones who do not have a wall switch to control their lamps. So they must not only endure the inconvenience of turning each lamp on or off separately, but must brave the hazard of wading in the dark through a network of long cords to do it. What joy a few new outlets would bring them, and how they need a switch!

*Dinner is served:* For the dining room the taking fashion of twin lighting urns on the buffet or twin torcheres at each end of it brings up again the need for a convenience outlet with a wall switch so that these may be controlled simultaneously. Of course the outlet at the table, which is usually connected as a portable plug attached to the under edge of the table at the hostess' place for percolator, toaster, and such, should be unswitched. Similarly in the living room, one or more outlets should be unswitched to accommodate radio, electric clock, vacuum sweeper, or one of the other "daily dozen" electrical household aids that do not primarily belong with "evening dress."



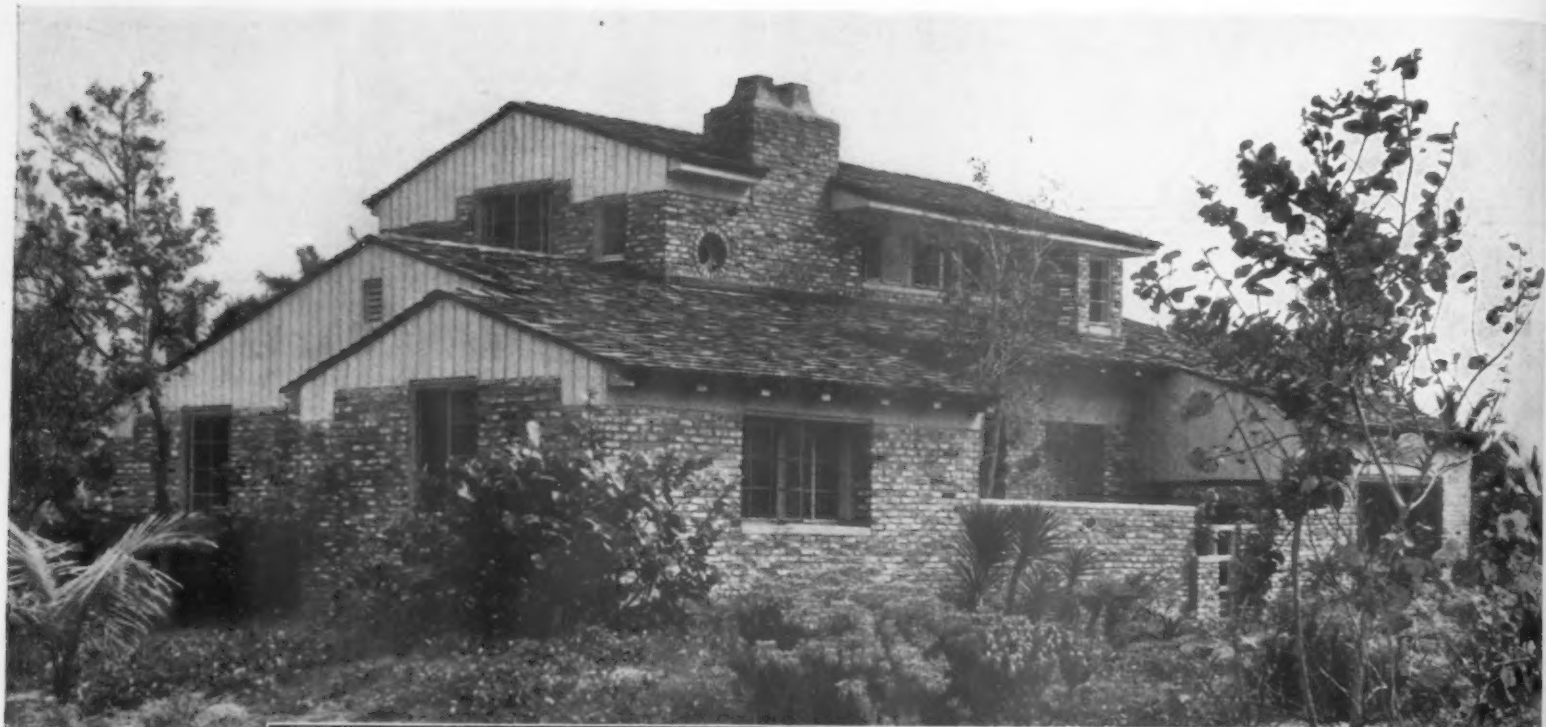
*Sketches by Dora*

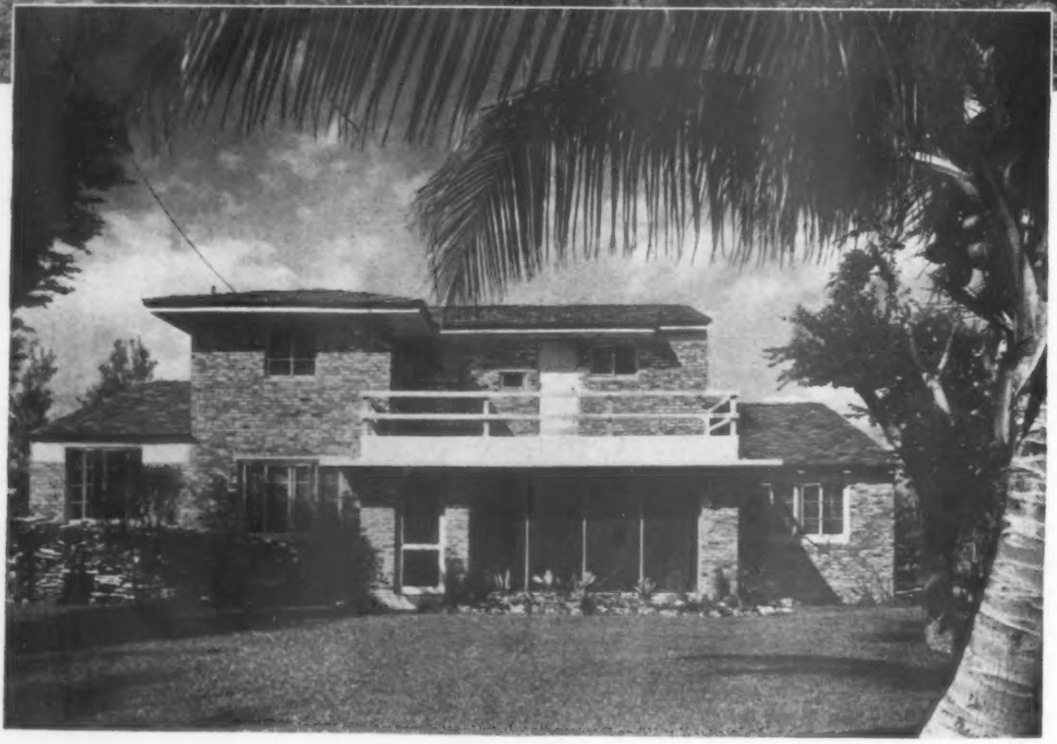
Wall brackets, artfully shaded, continue to contribute to the beauty of the dinner hour, although they should be used in conjunction

[*Please turn to page 78*]

# As an architect builds for himself

## The home of Mr. and Mrs. Arnold Southwell in Miami Beach, Florida





Photographs
by
Gottscho

Schoeppl
and
Southwell
Architects

PRACTICAL simplicity is the keynote of this year-round Florida home, designed to take full advantage of all the Florida climate has to offer. Much of its claim to distinction lies in the use of interesting materials, old common bricks, irregularly laid to give a salt-and-pepper patchwork color to the house, brightened by the more lively tone of the roof, handmade shingle tile. Poured reinforced concrete lintels and gable ends tie the brickwork together architecturally, and also make for a hurricane-proof house.

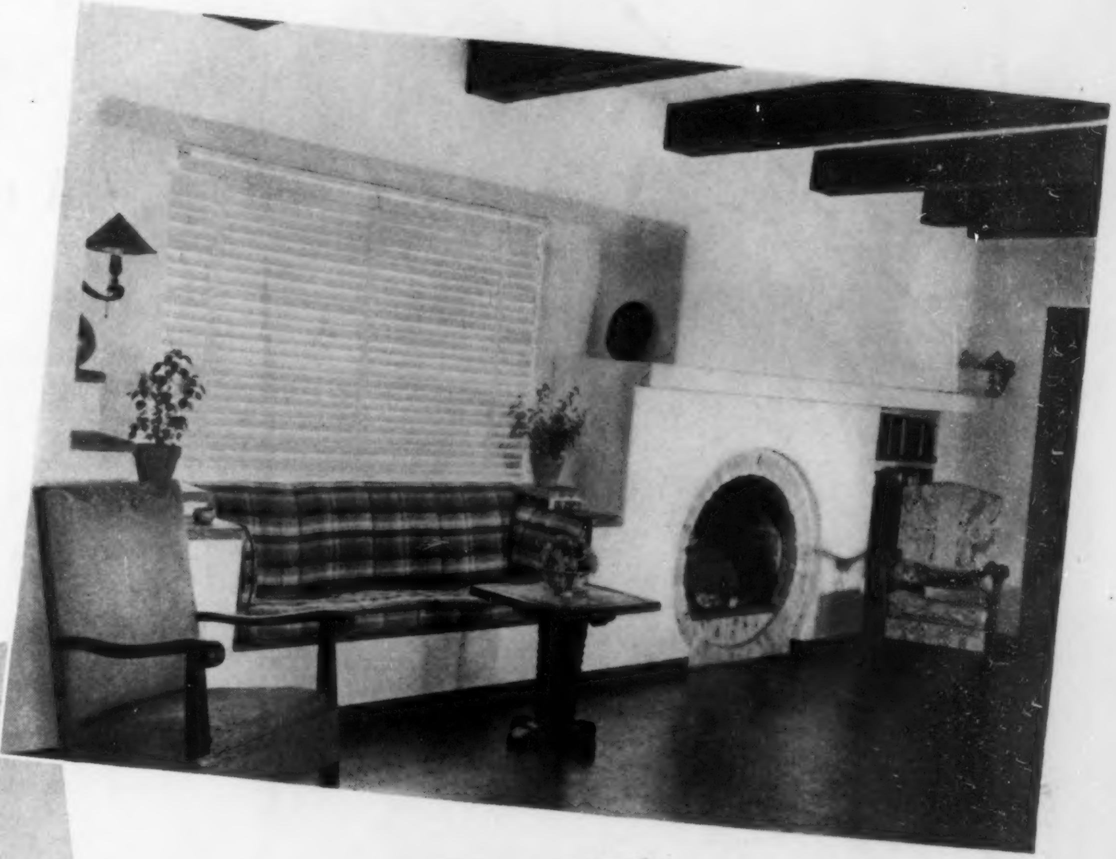
The house is delightfully set in an oceanic landscape of sea sage, sea grape, palmettos and wild morning glory vine. Landscaping of this sort requires no care and is completely sympathetic to the character of the terrain. The entrance patio shields the front door from the street, and at the same time provides a garden spot for more delicate flowers.

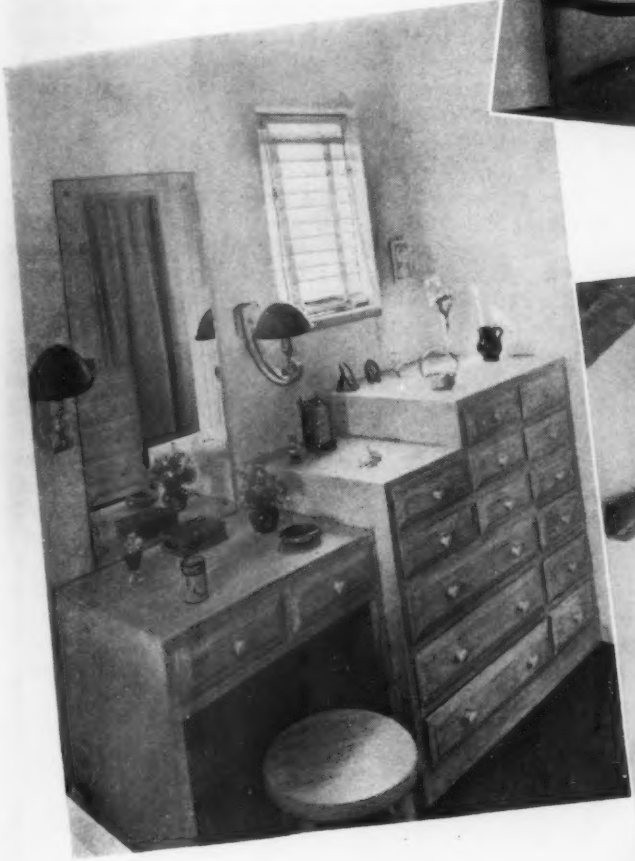
The first floor affords space for the living room, dining room, two bedrooms and bath, bar and kitchen, and a one-car open garage. On the second are the owner's studio and a gallery looking out over the green waters of Biscayne Bay, the owner's bedroom and bath adjacent to the studio, which look down on the rear garden, grass sodded and pleasantly shaded by palms, oleanders and pithocolobian trees. Accessible from the studio is a sun deck, over the informal living porch on the first floor, shown in the lower photograph.

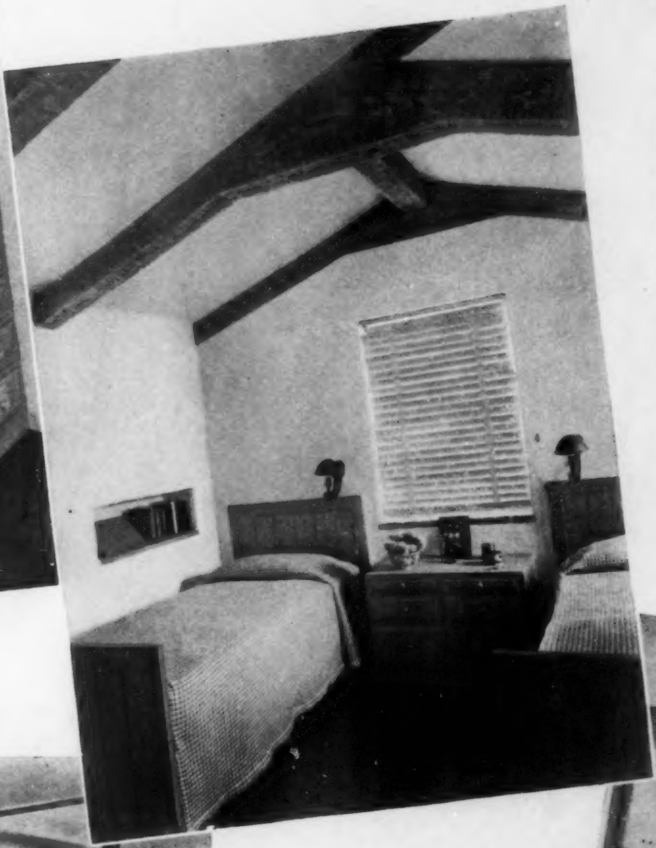
One of the interesting features of the living room is the round fireplace, raised a foot off the floor to avoid the necessity of a hearth, with built-in bookshelves on one side, a lower section making the wood box, and on the other, a built-in window seat surrounded by tile ledges for flower pots. The ceiling is formed of heavy hewn Cypress timbers, and the floor is of polished oak blocks. White plaster walls have an uneven sponged texture.

The owner-architect is a great believer in built-in furniture. The first floor guest bedroom, shown in the photograph, illustrates how convenient built-in beds can be in a tropical home. The chest of drawers between the two serves as night stand, and a niche in the wall puts reading matter within easy reach. In the owner's room, the dressing table and chest of drawers are built in side by side, to make greatest use of the space available and incidentally to give an interesting architectural effect. The owner has seen to it that there is real design to this furniture, witness the fine proportions, bevelled edges and small pulls.

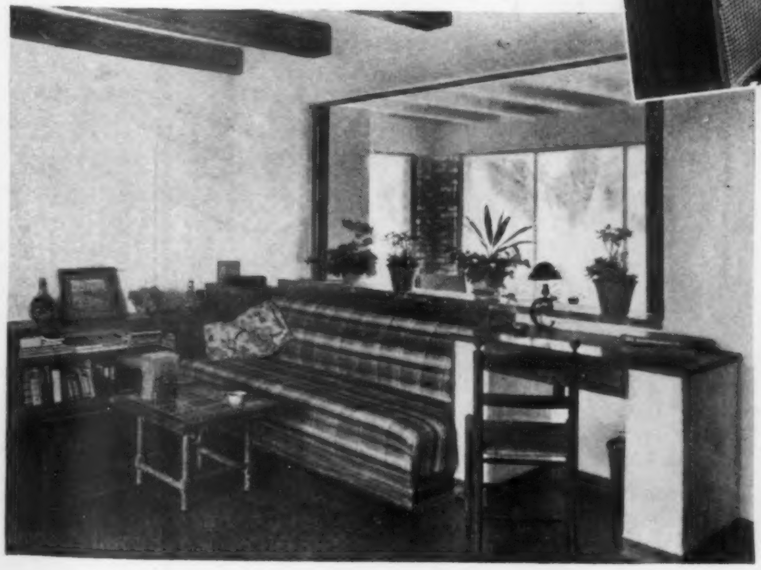
In the kitchen the electric stove is built in at a level with the maple block drain boards and fitted to the tile wainscot to become an integral part of the cabinet work.







**Facing the North Bay Road on the front, the house looks out over beautiful Biscayne Bay at the rear. Outside there is fine tropical planting, inside a feeling of cool spaciousness and comfortable order**



# A two-timing room

ELEANOR LEVI

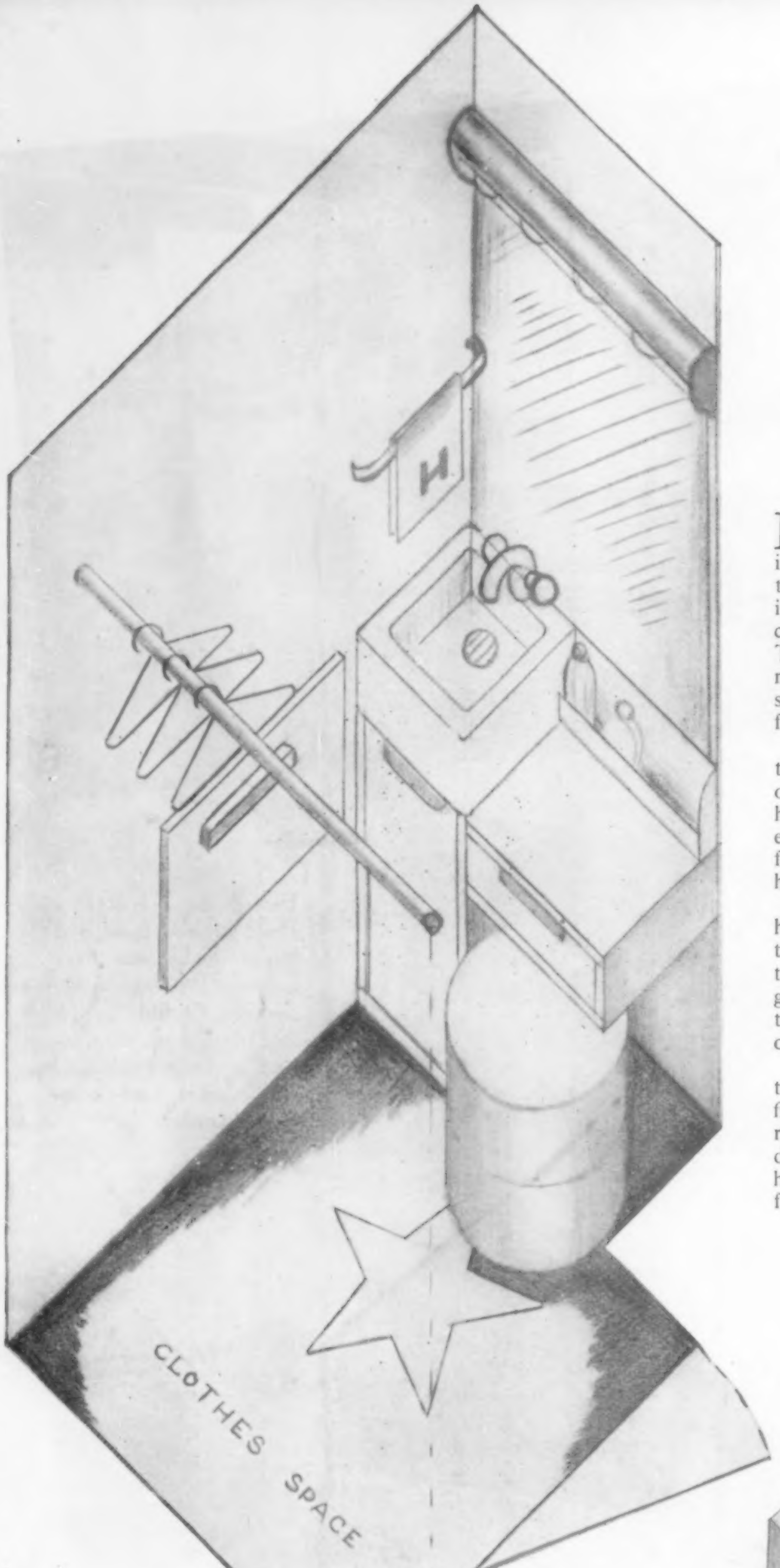
*Every small home needs a guest room but father argues for a study. Both being comparatively little used where space is at a high premium, why not combine them? Here's how!*

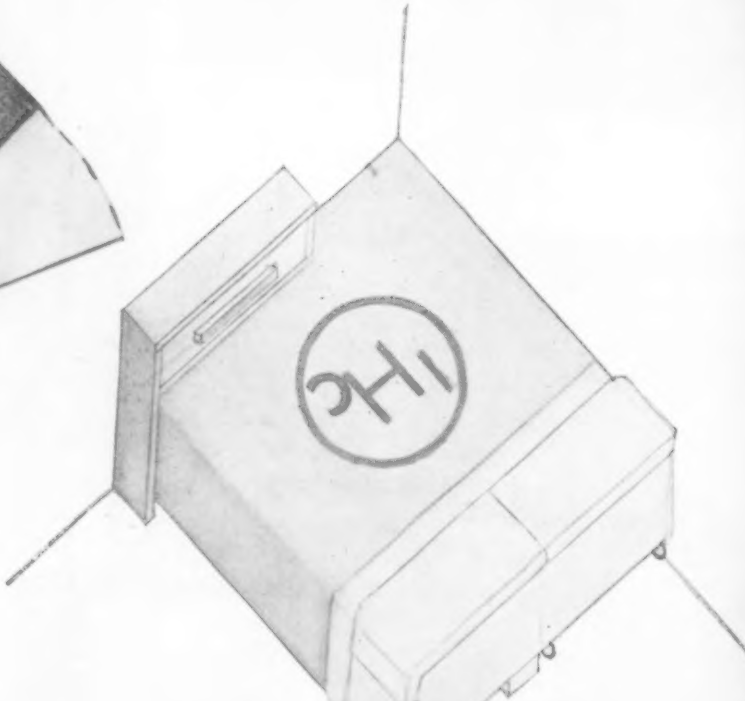
IF YOU are building a new house or remodeling an old one to accommodate the expanding needs and interests of your family, it is necessary to check up to see if your house is realizing all its potentialities. Certain rooms are so indispensable that they are always included in the plans of your house. Very often the architect's plans call for but one extra room in addition to the conventional plan. The problem is to get the maximum convenience, use, and livableness from this one room. Few of us are lucky enough to have both a study and a guest room. However, both seem essential to us; in fact, they are. How can we plan a double feature?

Every house should have a study, a restful room that stimulates thought. We picture it lined with books, the oft-repeated pattern of which fires the imagination, and adds a glowing warmth to a house as nothing else can. This is the room the man of the house is entitled to. Here is the place to do the work he has brought home from the office, to read, or to do research, away from the normal hilarity of the children and their friends.

Every house needs a guest room. "How unfortunate, to build a house without one," we soliloquize. It is difficult to be truly hospitable without making adequate provision for guests. How lucky are they who can comfortably house their friends for the week-end. A guest room seems indispensable to the family. But father argues for the study! No wonder it seems as if we were in the ancient dilemma of the mariner who had to choose between Scylla and Charybdis.

By economical and original planning we can find a solution for this dilemma. Combine two rooms, the purposes of which seem at first glance to be at such variance. You will find that although this room is the logical outgrowth of necessity, it can be a beautiful addition to your home. The plan we offer is so flexible that although it has the double features of both a comfortable study and a thoughtfully planned guest room, it functions as a unit, interchangeably.





The dressing room closet—washbowl in corner, linen hamper under it, dressing table with lighted mirror above it. The studio couch bed made up with the pull-out night table at the end which also aids in keeping the bed in place

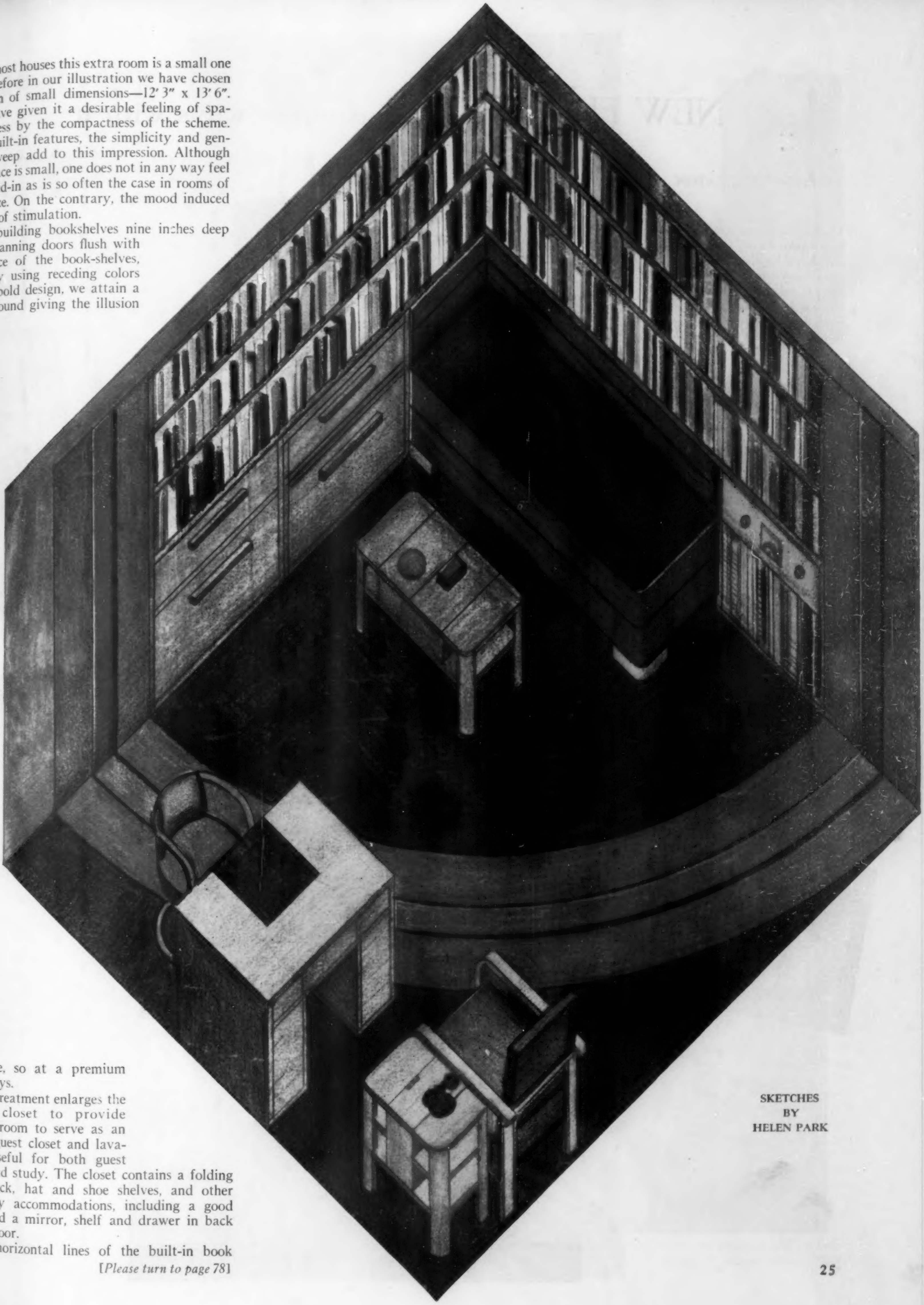
In most houses this extra room is a small one—therefore in our illustration we have chosen a room of small dimensions—12′ 3″ x 13′ 6″. We have given it a desirable feeling of spaciousness by the compactness of the scheme. The built-in features, the simplicity and general sweep add to this impression. Although the space is small, one does not in any way feel hemmed-in as is so often the case in rooms of this size. On the contrary, the mood induced is one of stimulation.

By building bookshelves nine inches deep and planning doors flush with the face of the book-shelves, and by using receding colors and a bold design, we attain a background giving the illusion of space, so at a premium these days.

This treatment enlarges the corner closet to provide enough room to serve as an ample guest closet and lavatory, useful for both guest room and study. The closet contains a folding trunk-rack, hat and shoe shelves, and other necessary accommodations, including a good light and a mirror, shelf and drawer in back of the door.

The horizontal lines of the built-in book

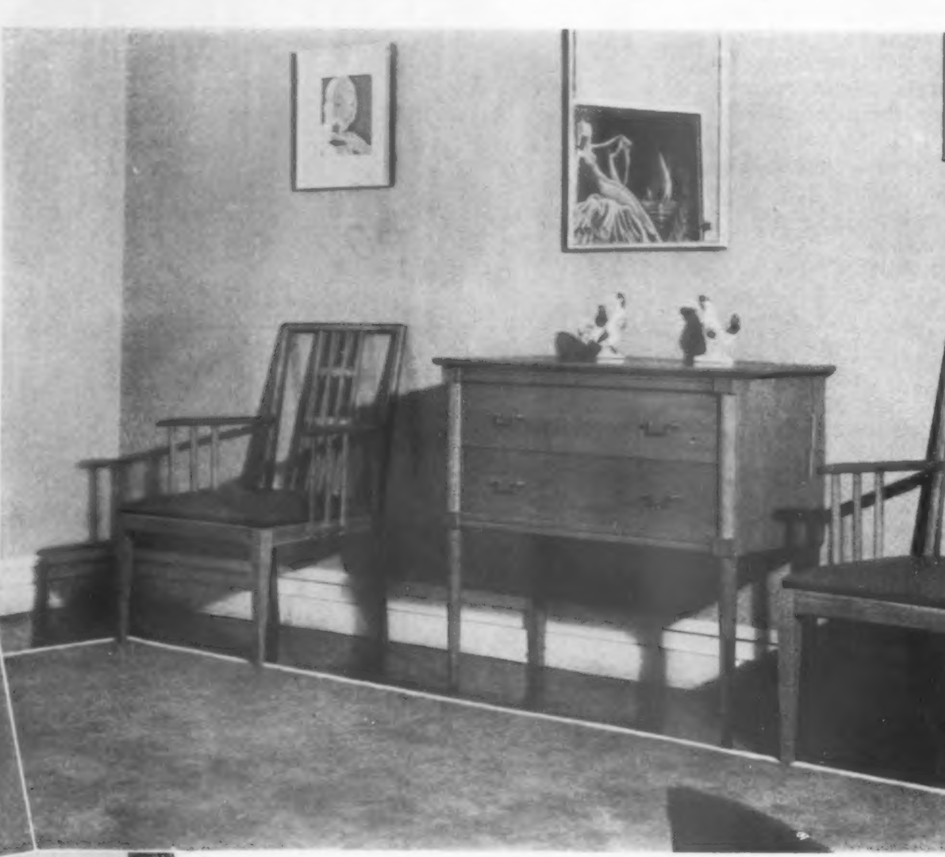
[*Please turn to page 78*]



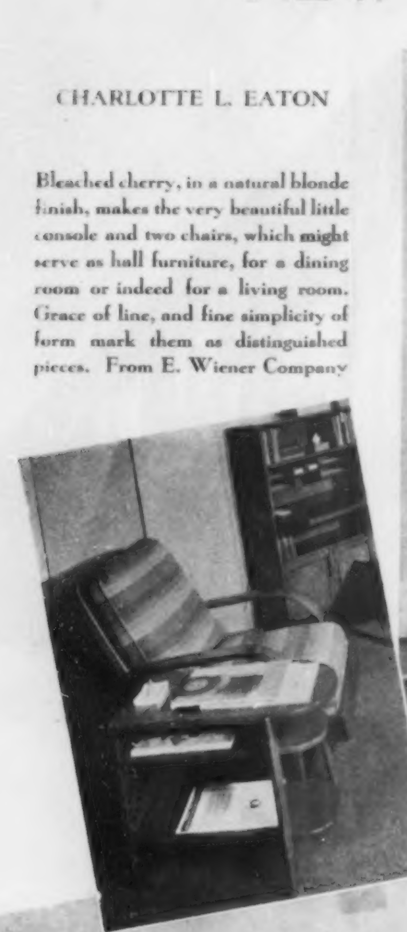
SKETCHES
BY
HELEN PARK

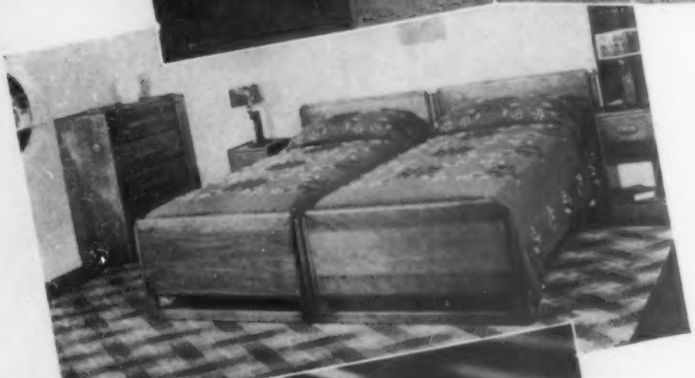
# NEW FURNITURE has many ways with it

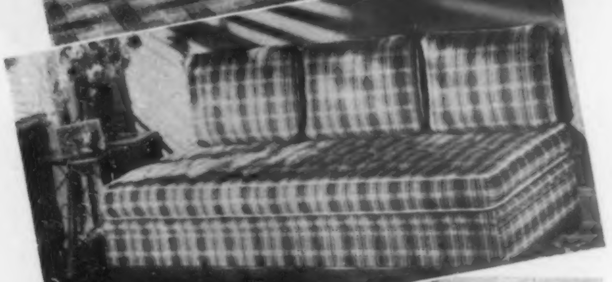
CHARLOTTE L. EATON

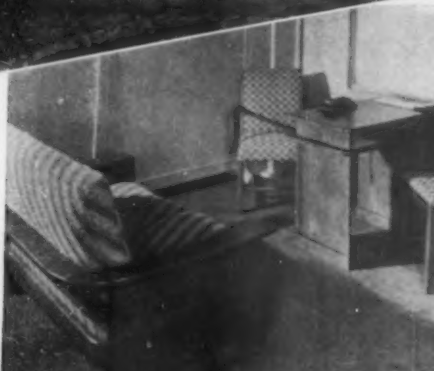


**Bleached cherry, in a natural blonde finish, makes the very beautiful little console and two chairs, which might serve as hall furniture, for a dining room or indeed for a living room. Grace of line, and fine simplicity of form mark them as distinguished pieces. From E. Wiener Company**





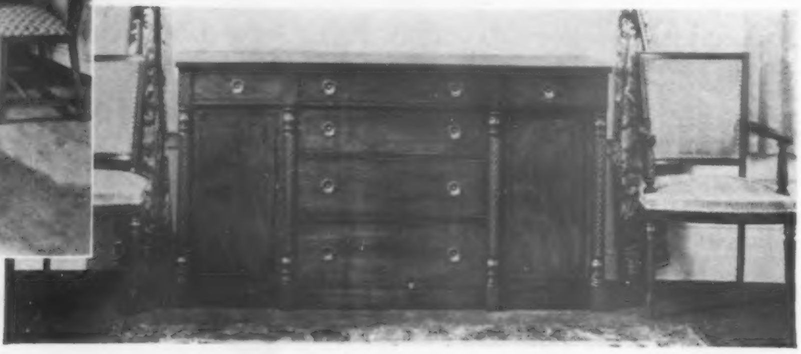




THERE is so much really intensely interesting new furniture on the market for 1936 that it is difficult to know where to begin to tell about it. One thing is certain: designers and manufacturers have been aggressively aware of the way most of us are living today, they have analyzed our needs and have contrived pieces to fill them to perfection. In fact, some of the pieces fill more than one need, they combine two or more utilities. There are more different kinds of tables this year than ever before. Coffee tables come in all sizes, with extension devices, with drop leaves, with auxiliary small tables of the same design for individual use, with removable tray tops, tables that come in twin sections that can be used separately if desired, end tables, studio couch tables, chair tables, just the height of a chair arm, and so on—an almost endless list. Apparently, too, designers and manufacturers acknowledge the arrival of greater leisure for most of us, for they have provided many more pieces for reading and writing. There are some charming bookcases, a great many desks, especially of the knee-hole variety, and often bookcases with a desk section or little chests, small enough

**Maple, in the modern manner, has come to the fore this year. On left, at top, a combination bookcase-desk, chair and shelved chair-side table by O'Hearn Mfg. Co. Below these, maple bedroom set of modern lines and sturdy design by Heywood-Wakefield**

**Next, a studio couch for colonial rooms—of maple, upholstered in homespun and guaranteed to sleep well, for it's a Sleeper Product! A group of modern maple, sold as "Americraft" includes a table desk, side chairs and unusual love seat. Thomasville Chair Co. Just below, part of a Federal dining set of mahogany. Grand Rapids Chair**



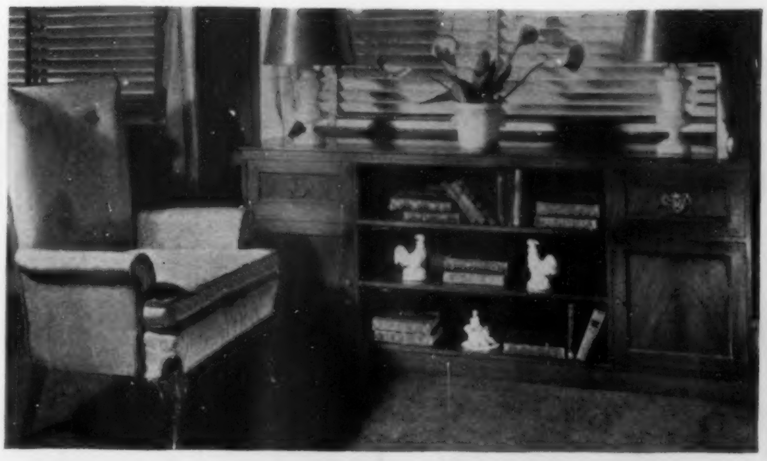
A LONG, low bookcase, of just the right height to fit under the average window, is something many of us have been hunting for a long time. Mahogany bookcase, of charming 18th century styling and gracefully proportioned chair, from Kittinger Co.

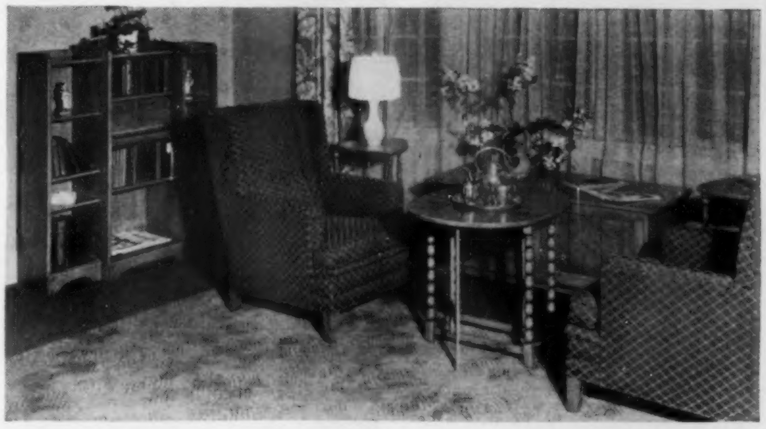
A group of furniture created for the early American living room includes a new bookcase with a center desk section, a pair of extremely comfortable barrel-back chairs, a convenient round table, a pair of somewhat triangular lamp tables, and a chest. W. F. Whitney Co., Inc. Firth Carpet on the floor.

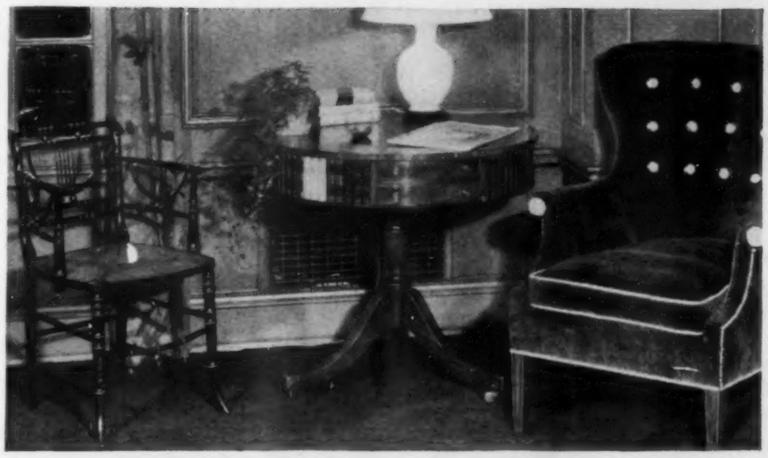
Three distinguished pieces of 18th century living room furniture. A drum top table, with drawers and space for books besides, a "bamboo" chair painted black with gold, and an easy chair done in bright, dark blue with white trimming. Baker Furniture Factories.

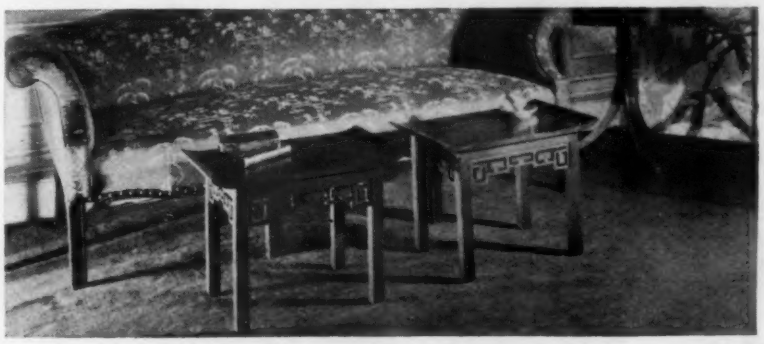
An excellent example of the Chinese trend in 18th century pieces. The Chippendale sofa is covered with a Chinese patterned damask, the twin coffee tables, which have double utility by their very twin-ness, curve upwards at the ends, like tiny pagodas. The Kittinger Co.

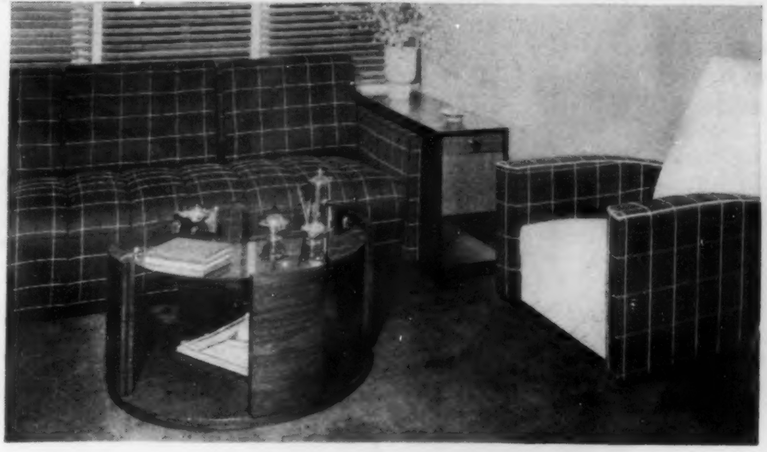
For a modern living room, or one-room apartment, there is this excellent group of modern furniture. The "sleeping sofa" has a sloping mattress, that levels out when wanted for sleeping. End tables for lamps, and a round, glass-topped coffee table complete the group. Herman Miller Co.

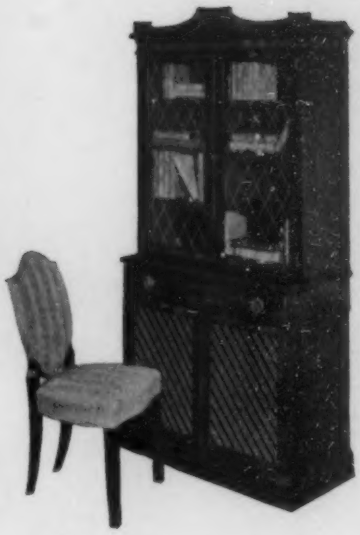






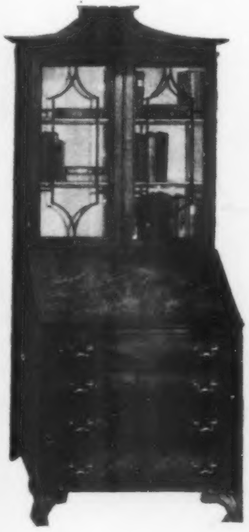






A charming little secretary extreme right top, has wire latticed cupboard doors below and all glass doors above, cut to simulate wire. It opens to make a very convenient desk. Johnson-Handley-Johnson.

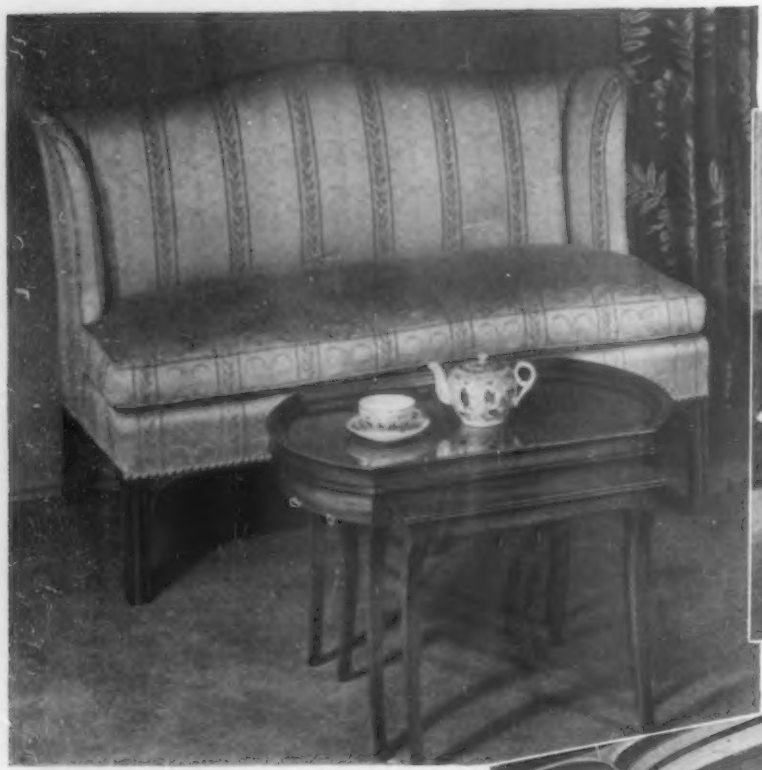
Chinese Chippendale again. The lovely secretary at the bottom of the page has a pagoda top, and Chinese moldings on the doors, Skandia Furniture Co.



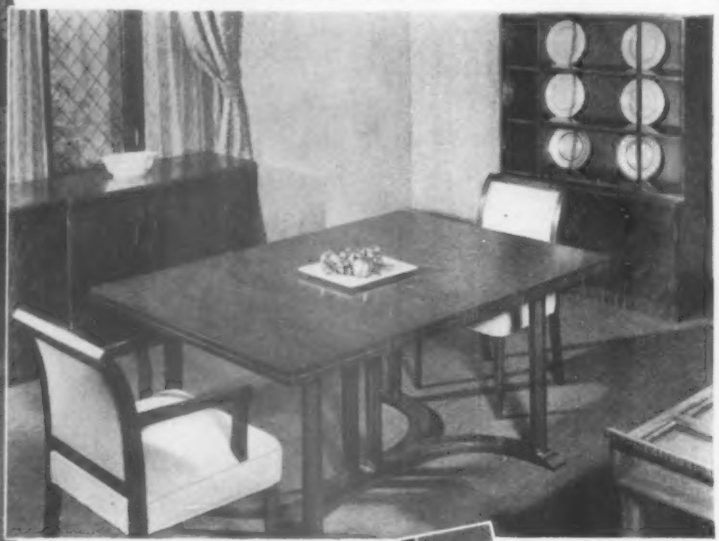
for the bedroom, with a writing section. Again, many studio couches are now made so that they have the slope from front to back considered essential for sitting comfort, and can be adjusted to a level position for sleeping.

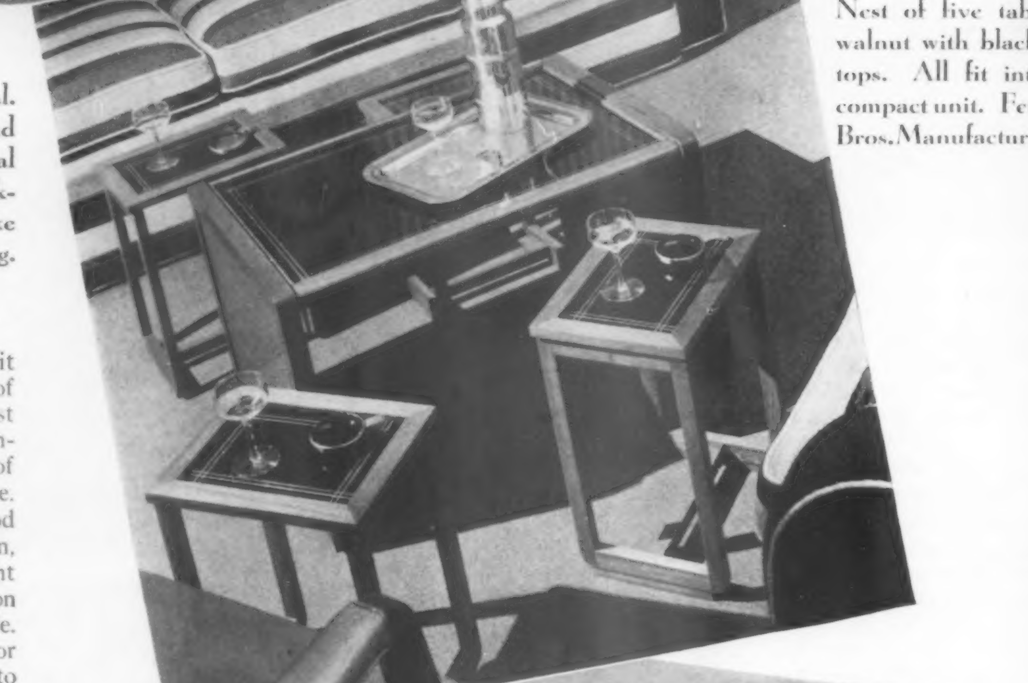
A perhaps less tangible example of this awareness of the way Americans are living today, but no less important, is the fact that new furniture is being carefully scaled to today's needs. For example, recognizing that many homes have rather small dining rooms, dining room furniture, always in the fine designs wanted, is being scaled down to fit the smaller room. The same is true of different kinds of furniture all along the line. This does not mean that there is no large scale furniture, for there is plenty of it, but now for the owner of the small houses, as well, there is well scaled furniture. Another point is that allowance has been made for variation in taste and necessity on the part of the householder. He may have a choice of buffet and server, buffet and china closet, server and china closet, for his dining room. And in the same way, he may choose for his bedroom a dresser and chest, or chest and vanity, or dresser and vanity, according to his preference.

Coming to the matter of style, modern furniture strikes the dramatic note this year, because there is so much of it, because it is so improved in design. It has progressed a long way from the first modern, introduced at the Paris Exposition ten years ago. Today it is a style and type entirely acceptable for the average home, whether or not the interior is developed along strictly modern lines. 1936 modern is low set, stream lined. It is extremely simple, with practically no ornamentation other than the pulls on drawers and cupboard doors. A second reason why it



Modern dining room furniture scaled for the small home. Upholstered backs on chairs, the set includes a serving table with top divided into three removable trays. Landstrom Furniture Corp.





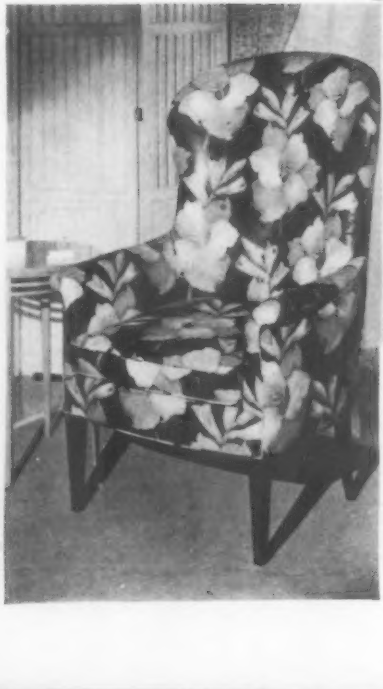
Nest of five tables in walnut with black glass tops. All fit into one compact unit. Ferguson Bros. Manufacturing Co.

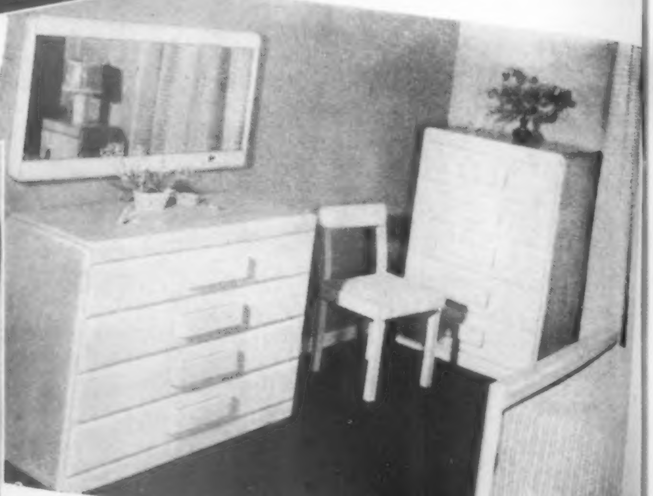
A coffee table both elegant and practical. Has removable glass tray top and second section to pull out when needed. Imperial Furniture Co. The little coffee or cocktail sofa is made without arms, to make things easy for the hostess who is presiding. Mueller Furniture Co.

is acceptable for the average home is that it is being made in an increased variety of woods. Hitherto walnut has been the most conspicuous material, and is still very important. In addition, there is a great deal of mahogany, especially in bedroom furniture. Previously associated chiefly with period furniture, it is a happy addition to modern, for its dark richness is becoming to the light walls we like, white, turquoise blue, lemon yellow. Rather new for modern is maple. Many of us live in houses of Colonial or near-Colonial design, and are accustomed to traditional early American maple. And yet perhaps we would like to introduce some of the new modern pieces into our homes. Now we have a chance, without being too extreme, and with assurance of a harmonious result.

[*Please turn to page 102*]

Smart indeed is this armchair covered in foliage chintz, made by E. Wiener Co. The modern coffee table, below, can be separated into two parts. Imperial Furniture Co.





Maple bedroom furniture in white finish and on modern lines suggests interesting dark backgrounds. Horizontal lines predominate. Conant-Ball Co.

# A HOME

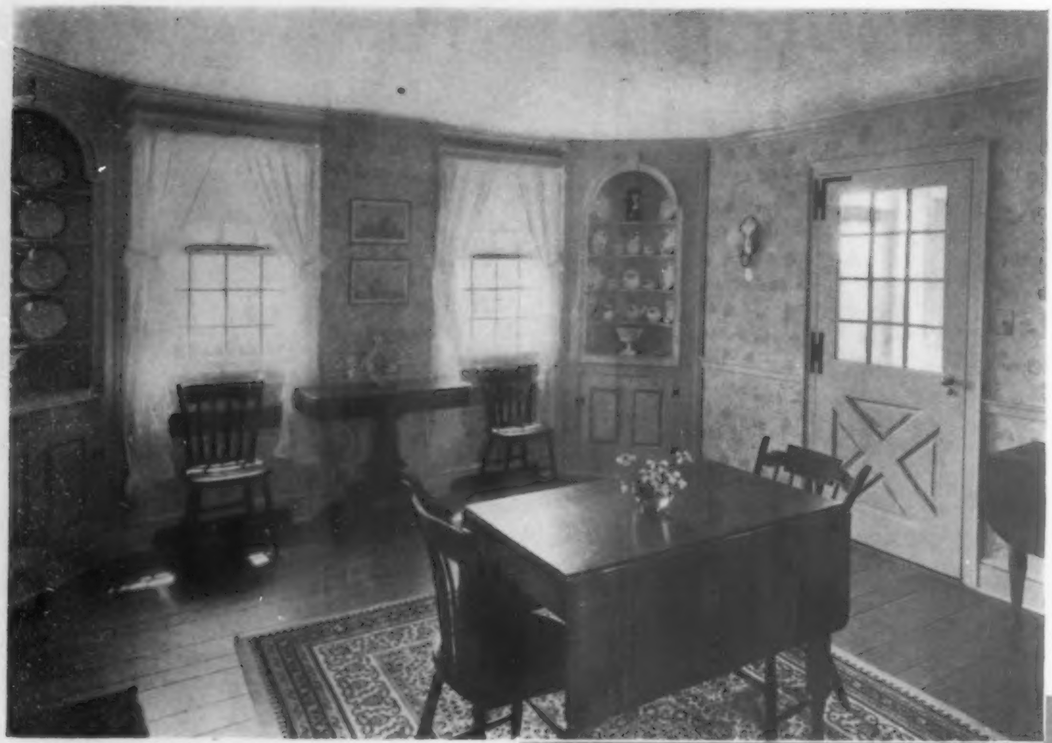
# built around little comforts

DAVID B. BANNERMAN, Jr.

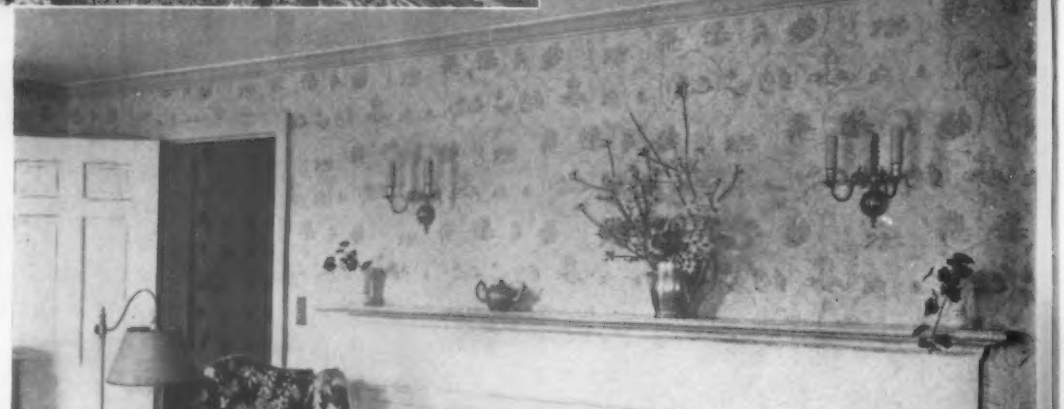
Living in a summer bungalow that had been only partly equipped for winter use through one long, cold winter in the State of Maine was a chilly but very enlightening lesson, and set us to thinking about how many little things could be improved to make a more perfect house. Perfection, to our eager minds, meant genuine physical comfort, of course. It was natural that a winter in a Maine bungalow should force all kinds of resolves as to future convenience! But it meant also a certain spiritual comfort, that comes with what is commonly known as atmosphere. And what we wanted was the atmosphere of a real home, not any home, but definitely our home. The simplicity of a small apartment seemed like luxury indeed after that, but it was not long before we were haunting the "model homes" for miles around, and even looking at old houses that might be worth reconditioning. But in all of them we found a general scheme, punctuated by bits of "atmosphere" here and there. And it was those little things that made us like or dislike a house. Some had too many, others too few of the interesting touches that make the difference between a house and a home. Without going into plans and specifications, let us look at the house we ultimately built with reference to the little things, gadgets if you like, that make it an expression of its owners and an interesting place for them to live.

In the black days of early 1933, rushing in where angels feared to tread, we built a house. With little but a hope for the future to build on, the house was necessarily rather small and adorned with no other ornamentation than the little things which can be had for a bit of ingenuity and thought, rather than a large outlay in millwork.

Our starting point was a Cape Cod house, which for me derives its charm from its very simplicity. I could digress at length on the subject of alleged Cape Cod cottages, some made of brick, others of stone, and so on, but we resolutely adhered to the original as far as consistent with modern housing requirements and the topography of the lot would allow. So the little gray shingle house with the square center



Amon & Greacen, Architects



**In the dining room is a pair of corner cupboards copied from authentic designs. The backs are painted old rose which sets off beautifully the gay china. The living room fireplace is spacious — with a little wood closet built in each side**

chimney and blue shutters stands on the top of a knoll resembling a sand dune, its shuttered kitchen door facing front as was often the case on the Cape, looking for all the world like the home to which one of those iron men returned between two-year voyages to the far corners of the globe in the heyday of wooden ships. And this resemblance is further strengthened upon closer examination. It is a favorite pastime of mine to disparage the often attempted nautical atmosphere in a house, when an effort is made to duplicate the cabin of a ship. It can be done, if you don't mind the cost, but the usual result is a room that is only half shippy or the livability is seriously impaired. It seems to me far more genuinely nautical to have one's house show the influence of seafaring men ashore, with only those portable articles which the skipper might take home, or some thrifty mariner had picked up at the shipbreakers'. And let it be said right here that lanterns with ribbed glass are never used on shipboard to give light, for they don't give any where it should be. The ribbed glass is a requirement of law for the running and riding lights of a vessel, which are used as a signal to other vessels only. But of lights, more anon.

In front of the house we find an oar with its handle stuck in the ground, the blade bearing the street number of the house. (This is a distinct concession to the modern practice of building houses in a row down each side of a street, and would, of course, have been quite unnecessary in the days when everyone *knew* where Cap'n Snow lived. But if we must make concessions to modernity, we shall make them nautical at least.)

We enter by the low front doorway, and the first thing that meets the attention is the floor. It is painted a dark ground color, in one room blue, another black, another green, and spattered over this in little drops are lighter and contrasting colors. This is the old "spatterdash" floor which was, curiously enough, thought to resemble Oriental rugs, with which our old seafaring friend was likely to be familiar. The spatter coat on our floors nearly caused a labor disturbance, as the painters' union frowned upon the use of a Flit gun, but a streetsweeper's brush was found to give satisfactory results. The effect is a very pleasant relief from the ubiquitous varnished oak of the development houses.

Directly at the front door are the curving stairs, with high risers, for space was scarce in those little old houses on the Cape, and in ours. You can tell at a glance that the turner who made that banister was thinking of the poop deck rail stanchions he turned out at the shipyard years ago for the old *Nellie Small.* And the newel posts have a brass center—the top of the long through bolt to the deck.

Some people, I gather, feel free to call any house Colonial if the windows have more than one pane of glass to a sash. In this particular, too, we went right back to the original. There are twenty-four lights in each window—little six inch squares—which makes a long job of cleaning them, but even the uninitiated seem to notice at once that they are truly Cape Cod windows. The shutters are of the louvre type, which is most characteristic, notwithstanding the current practice of battening two boards together, nailing them to the wall and calling it a shutter.

The most humble dwelling, I find, always makes some gesture at refinement, and some indication is usually found that the residents look forward to a fuller measure of this world's goods than they have. While this house of ours is in no respect plain, it is thoroughly simple, with one exception, the pair of corner cupboards in the dining room. This bit of architectural excellence was our expression of the characteristic just mentioned. The cupboards are frankly copied from an old one, and the original builder's artistry is evident from the photograph. The backs are painted old rose, which sets off beautifully the gay china on the curved shelves.

Cape Cod houses did not have porches as a rule, but we allowed ourselves this small divergence from the original, well concealed under the same roof as the kitchen wing and only eight feet square. The sides are smooth boarded, the plaster ceiling is painted sky blue according to custom since time immemorial, and the latticed side has a large round opening. The light is a ship's lantern with plain glass, to give the necessary light.

Bathrooms formed no part of the architecture of early Cape Cod houses, but there is a limit to carrying out a reproduction of anything, and here we departed from tradition with bold finality. Eschewing the Specialist, and being surfeited with the absolute uniformity of the bathrooms we saw in the ready made houses, we bore away on a new tack. Away with colored tiles and mirror-fronted medicine chests! We put inlaid linoleum on the floor, and painted the walls with a green wainscot, topped off with a lighter shade, the two colors meeting in a wave pattern. A 24-inch circular mirror replaces the aforementioned medicine locker. Seldom have I seen a builder install enough towel racks, but we did. A chromium pipe runs entirely around the room, providing all hands with towel space. A tub, for guests who use these antiques, is only incidental to the large square shower stall which serves as choirloft.

Fireplaces are essential to the Cape Cod tradition so we put in three. The scale of the living room and the letter of the building code not being in harmony, it was necessary to resort to the use of fireproof board for the trim immediately above the fireplace, to keep woodwork the required ten inches from the opening. A little wood closet is built into each side. The study fireplace, necessarily small to suit the room, was trimmed without a mantelpiece, a half model of a boat taking the place of the usual shelf. The big playroom in the cellar is equipped with a spacious fireplace as well.

To provide andirons for the study required some scheming. I wanted something appropriately nautical but preferred not to use the anchor andirons which can be bought at any ship-chandlers. Accordingly, I procured two ancient cutlasses from the largest supply of old arms this side of the Tower of London and, with the coöperation of the local blacksmith and the application of much brass polish and elbow grease, a pair of andirons was fashioned that served the purpose admirably. The brass hilts take a high polish and provide just enough sparkle to brighten the black cement fireplace.

Of great importance among the little things

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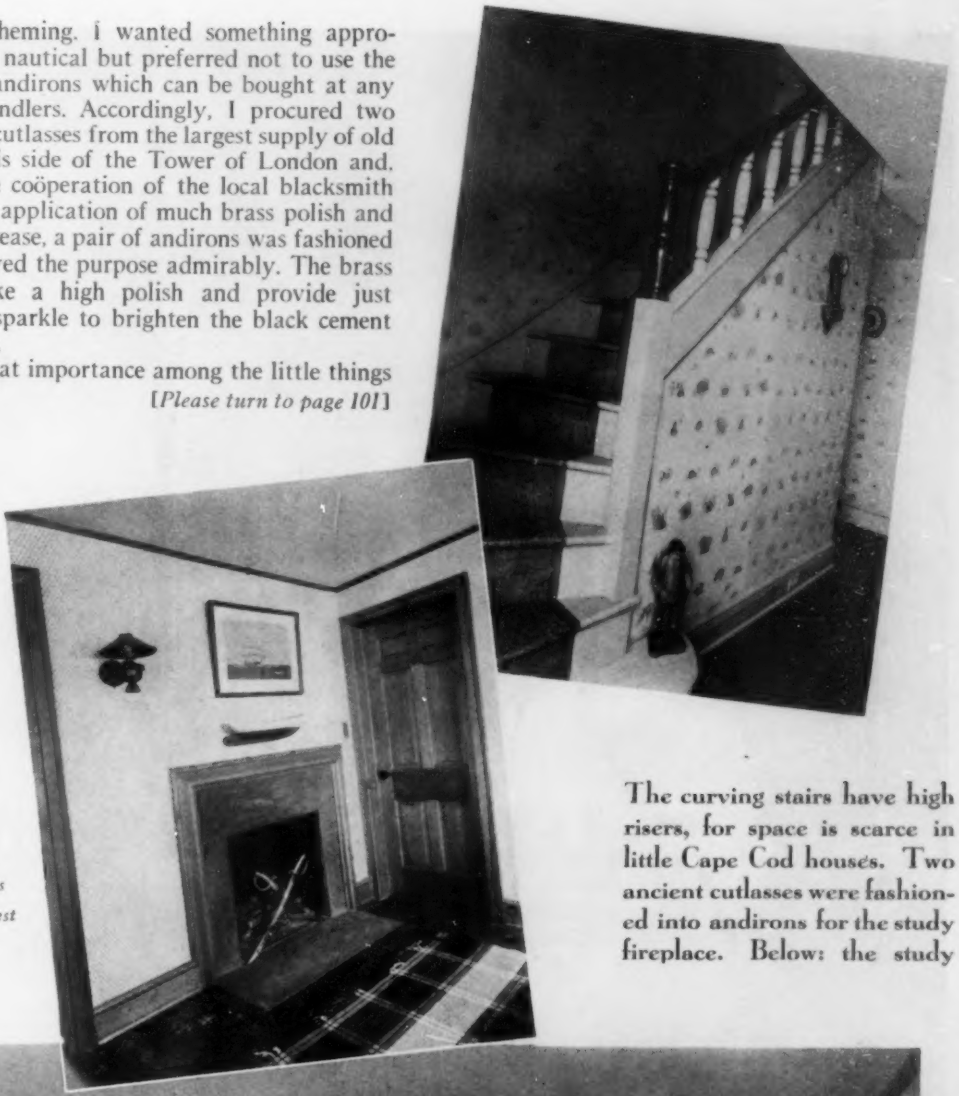
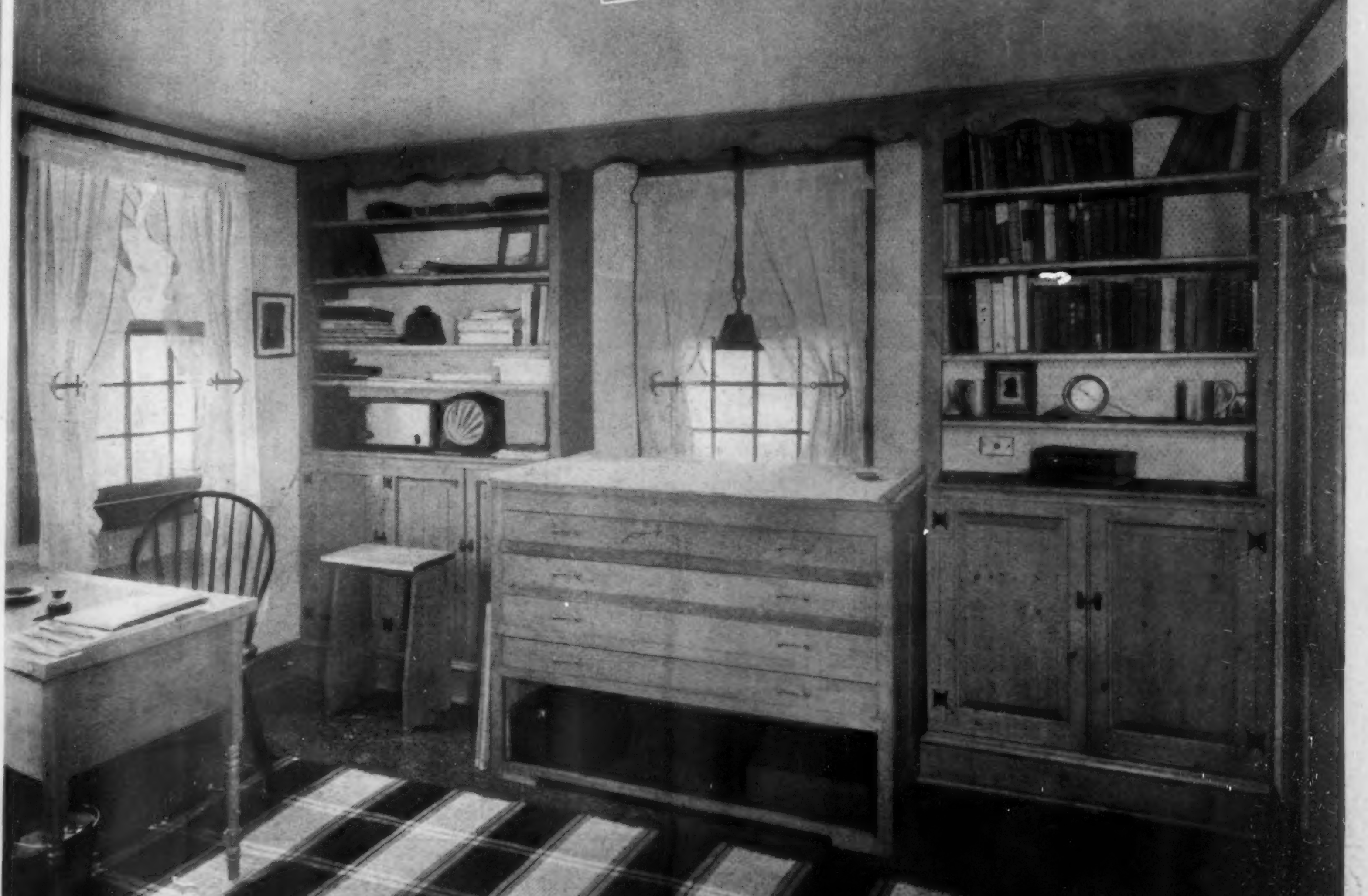


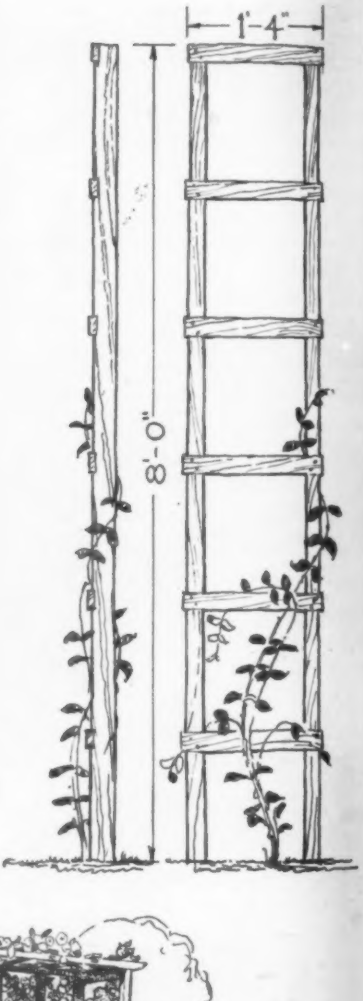
*Photos by Demarest*

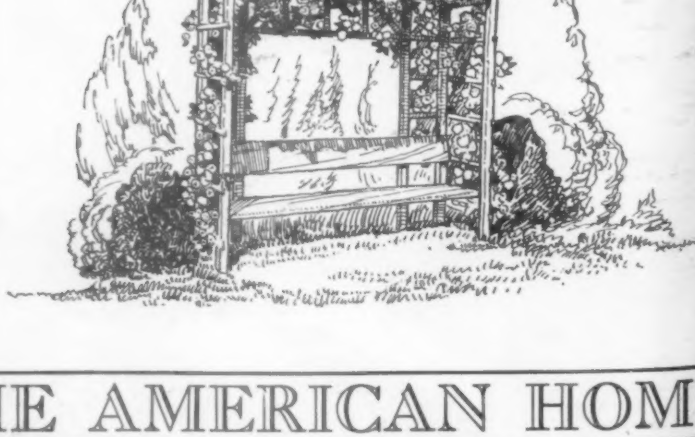
**The curving stairs have high risers, for space is scarce in little Cape Cod houses. Two ancient cutlasses were fashioned into andirons for the study fireplace. Below: the study**



Jessie Tarbox Beals

This simple unit of ladder trellis lends itself accommodatingly to many inexpensive forms of decorative detail in connection with planting around the house. 16 ft. of 2"x3" studding and 8 ft. of shingle lath are required. The combination seat and trellis, below, is 7 ft. long, requiring 8 lengths of 8 ft. 2"x3"'s and 64 ft. of shingle lath. For the seat a 2"x12", and a 1"x 12" for the back. Sketches by Lewellyn Price. The picket gate (left) is in the garden of Mr. and Mrs. Harry A. Olin, Kenilworth, Illinois; Albin Gries was landscape architect

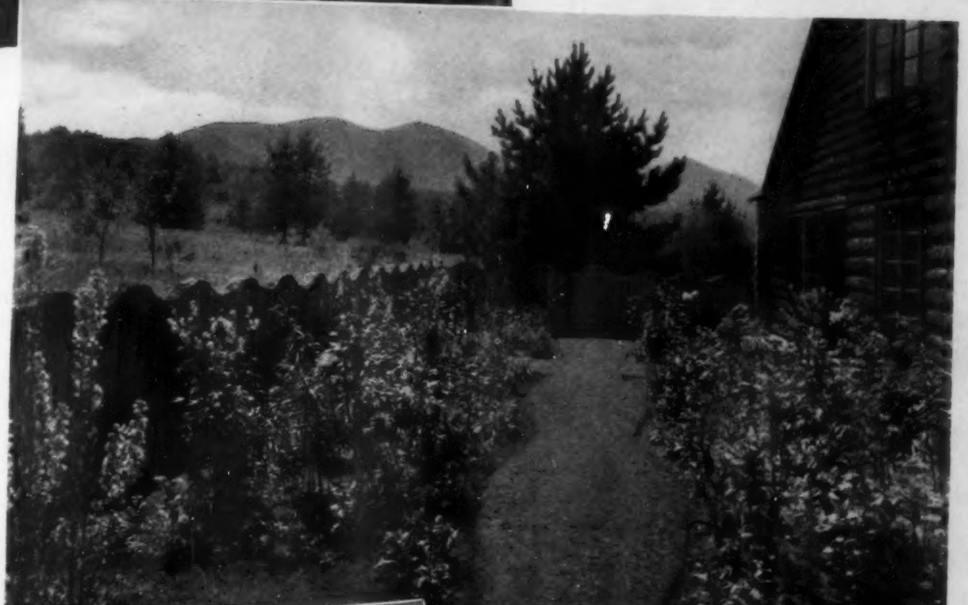


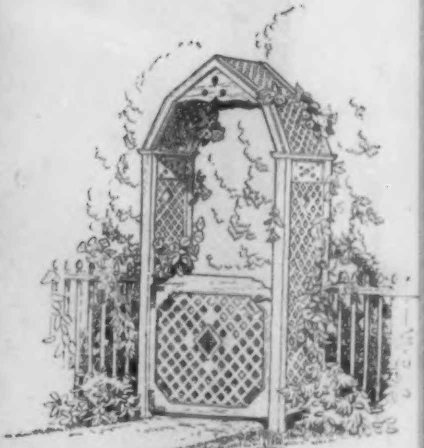


# Small things to make your garden more livable

FENCES, seats, arbors, gateways, trellises, in and about the garden speak eloquently of the garden being actually used. They are mute but forceful evidence that the garden is lived in and is an integral part of the activities of the home and the family it shelters. And a garden should be something more than just a picture to look at from afar. The real garden is lived in, and to live in the garden comfortably calls for provision for resting within its shelter. And, resting in the garden, further means a certain privacy—the exclusion of the disturbing intrusions of the outside world. A hedge, a fence, a rail, all such accessories not only make the garden more practically livable but they also frame the picture. An appropriately placed gateway, even though it be never used, suggests inquiry into the region beyond and often not the least advantage is the estab-

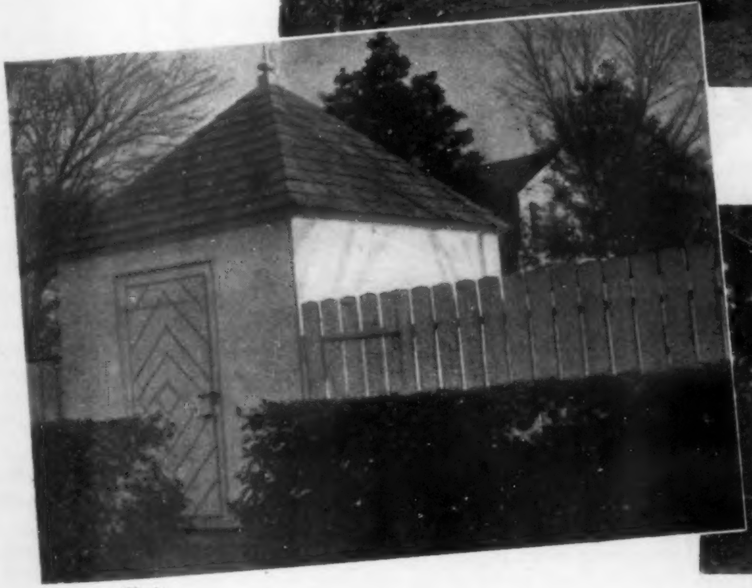
A log wall made after the fashion of those built to protect early American homes, encloses the garden surrounding the summer cottage of Mr. and Mrs. William B. Symmes, near Franconia, New Hampshire. This wall would enhance almost any house having a suburban or country setting like that shown





Bodorff

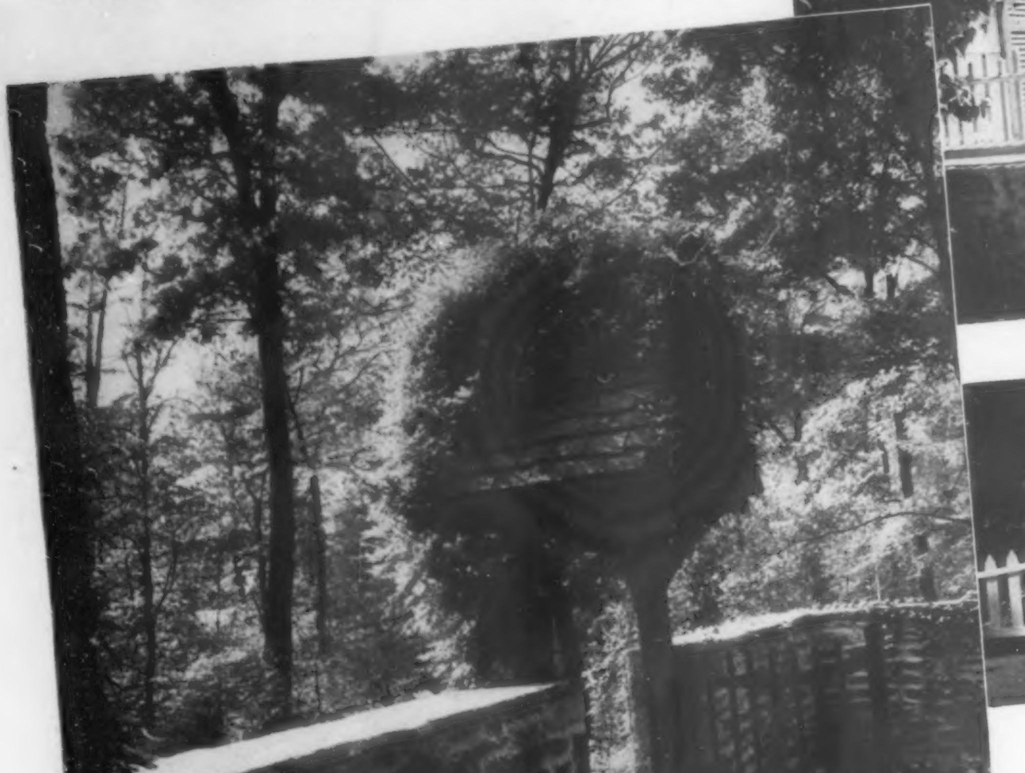
A garden arch and wicket of lattice work in a fence of turned pickets let into the rails lends delicate support to vines at garden entrance



Joseph B. Wertz

Van Anda

A vine-covered hooded gateway welcomes one to the garden of Mr. George G. Bass at Greenwich, Connecticut. Although this type of garden wall and gate is essentially English, it is also appropriate for practically any type of Provincial or Colonial house. The roof is covered with unevenly laid slate shingles. Old fashioned brick walls are another charming feature in this garden. Frank J. Foster and R. A. Gallimore were the architects



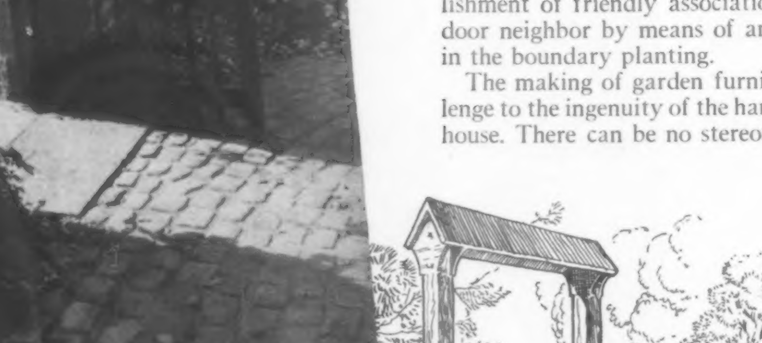
Robert Maclean Glasgow

S. H. Gottscho

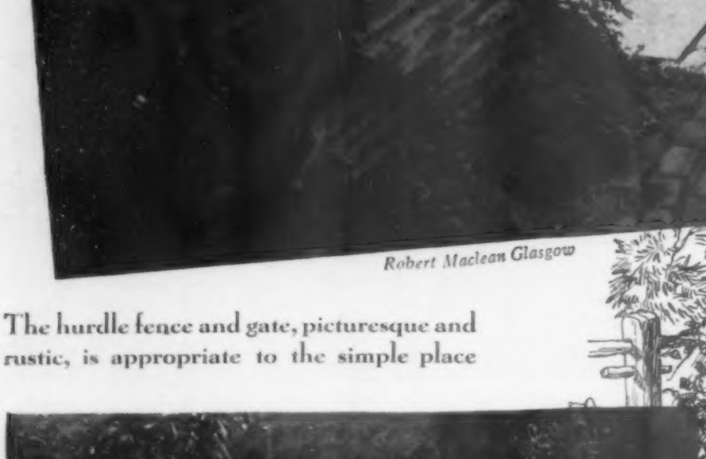
lishment of friendly association with your next door neighbor by means of an inviting gate set in the boundary planting.

The making of garden furniture offers a challenge to the ingenuity of the handy-man about the house. There can be no stereotyped pattern and plan. The furniture may be rigid and formal to fit into a formally architecturally designed garden, or it may be informal, rustic and rugged, in an entirely different type of setting.

Wood structures often present opportunities for interesting color combinations. Conventional white of the old-time picket fence is not necessarily



The hurdle fence and gate, picturesque and rustic, is appropriate to the simple place



Van Anda

The trellised vine seems to be even more fittingly associated with an arbor or archway, expressing informal and cordial welcome

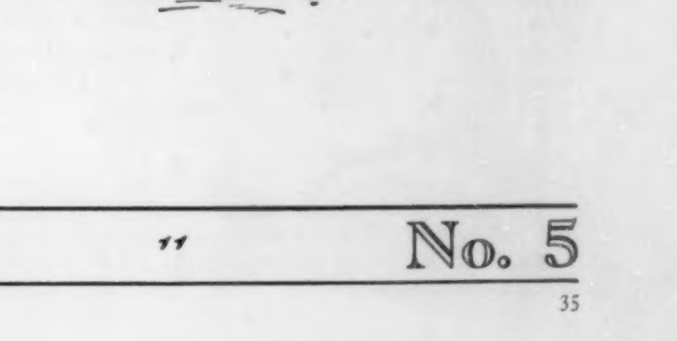
to be reproduced in every situation. In the first picture on page 32, the white gate enlivens and adds brilliancy to what might otherwise be a somewhat uninteresting background effect. On the other hand, white is often too conspicuous when benches, arbors, or trellises are isolated in more open spaces. Use white to relieve a dark distance. In the foreground it may have a tendency to foreshorten and even divide the point of interest. All shades of green or brown will often fit in much more happily.

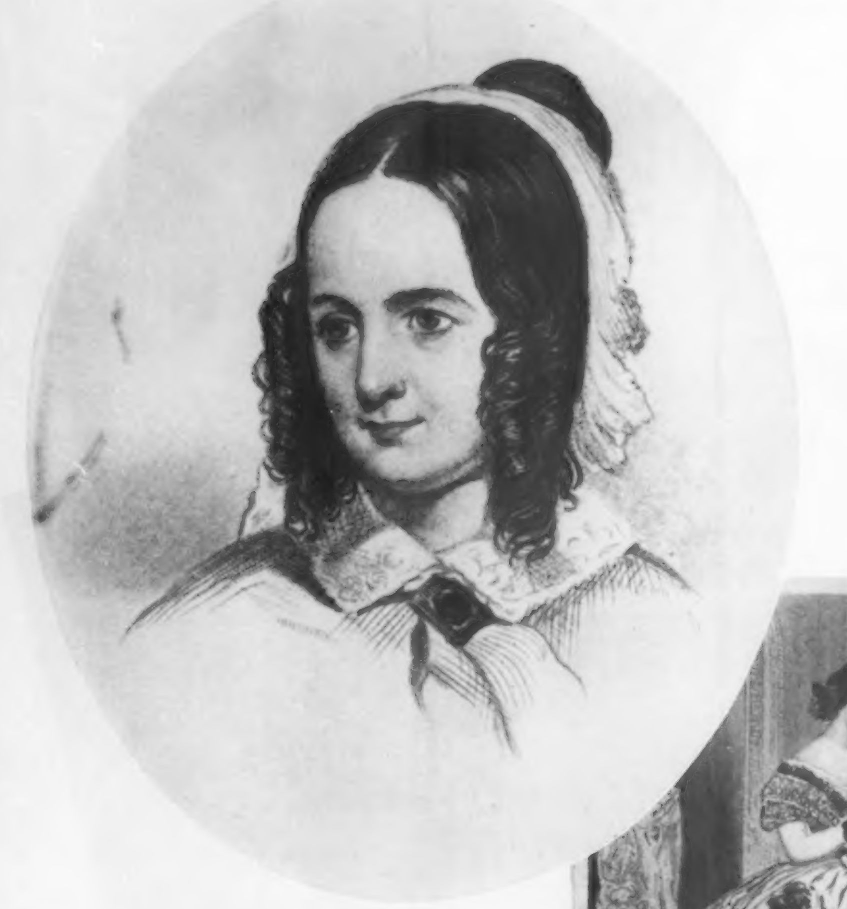
In making pieces of outdoor furniture, select rot-resistant wood, preferably with the joints properly protected by painting or treated with a preservative before the parts are joined together. Use galvanized or copper nails and avoid the problem of rust.

A suitable seat may relieve the monotony of a masonry boundary wall and often is an ideal terminal object to a garden vista. Always, such a feature suggests a little journey of exploration through the garden itself. It invites your visitors to a more intimate garden acquaintance.

The frame or enclosing feature of the garden may be of several different forms. A hedge of evergreens clipped into formal character gives a splendid foil to the foreground flowers in the border. On the other hand, a hedge usually needs steady and constant control—clipping, etc. A fence, rail or picket, or other character, doesn't afford the same protection but at the same time is often serviceable as a support for trailing vines, whether annual or permanent.

Masonry walls can be of stone or brick as shown in one of the photographs. An adaptation of the old log fence idea of pioneer days is a fitting combination with a log cabin. Appropriateness should be given consideration in any case. Hedges or walls are often essential to give protection to shelter the garden proper from winds, even the bare branches of a deciduous hedge will very effectively moderate the sweeping winds in winter. The enclosed garden with an adequate wind-breaking hedge will be warmer and earlier than a garden that is fully exposed. From the matter of design alone, the enclosing hedge helps the picture by bringing everything into proper scale. The garden is then a thing of itself and not just merely an isolated little incident in the broad open landscape.

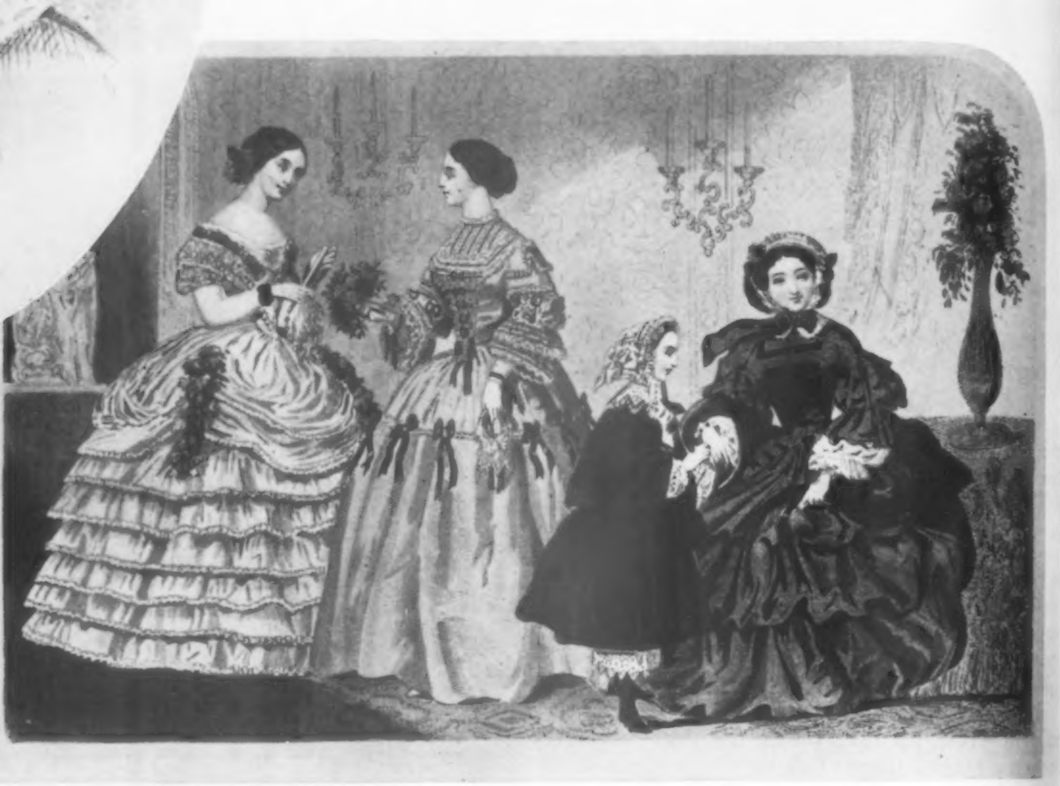


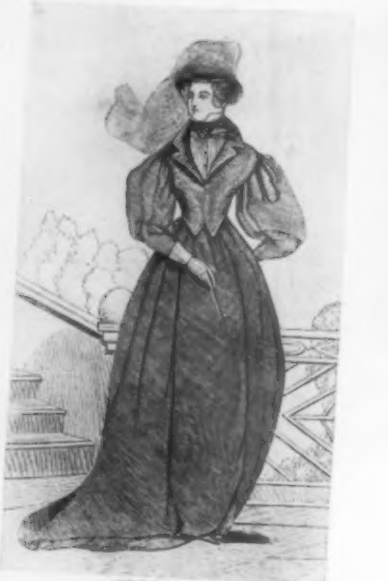


# Mr. Godey's lady editor

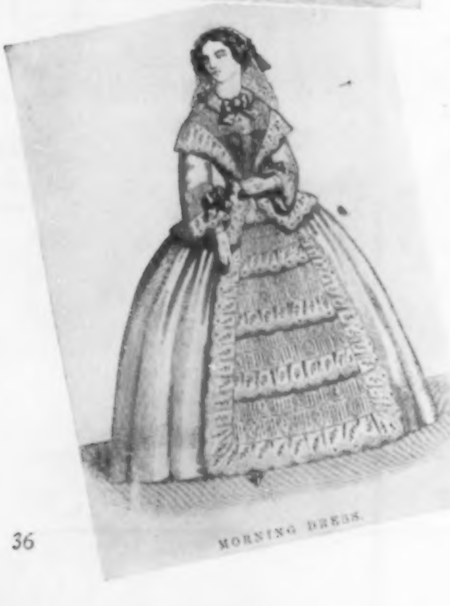
## ~SARAH JOSEPHA HALE

*To those who are fortunate to own a copy of Godey's Lady's Book we suggest that they read it through carefully. It represents the best part of one woman's life that was admirably spent. Many things that we accept today without thought were made possible by Mr. Godey's pioneering lady editor.*





MILLICENT STOW

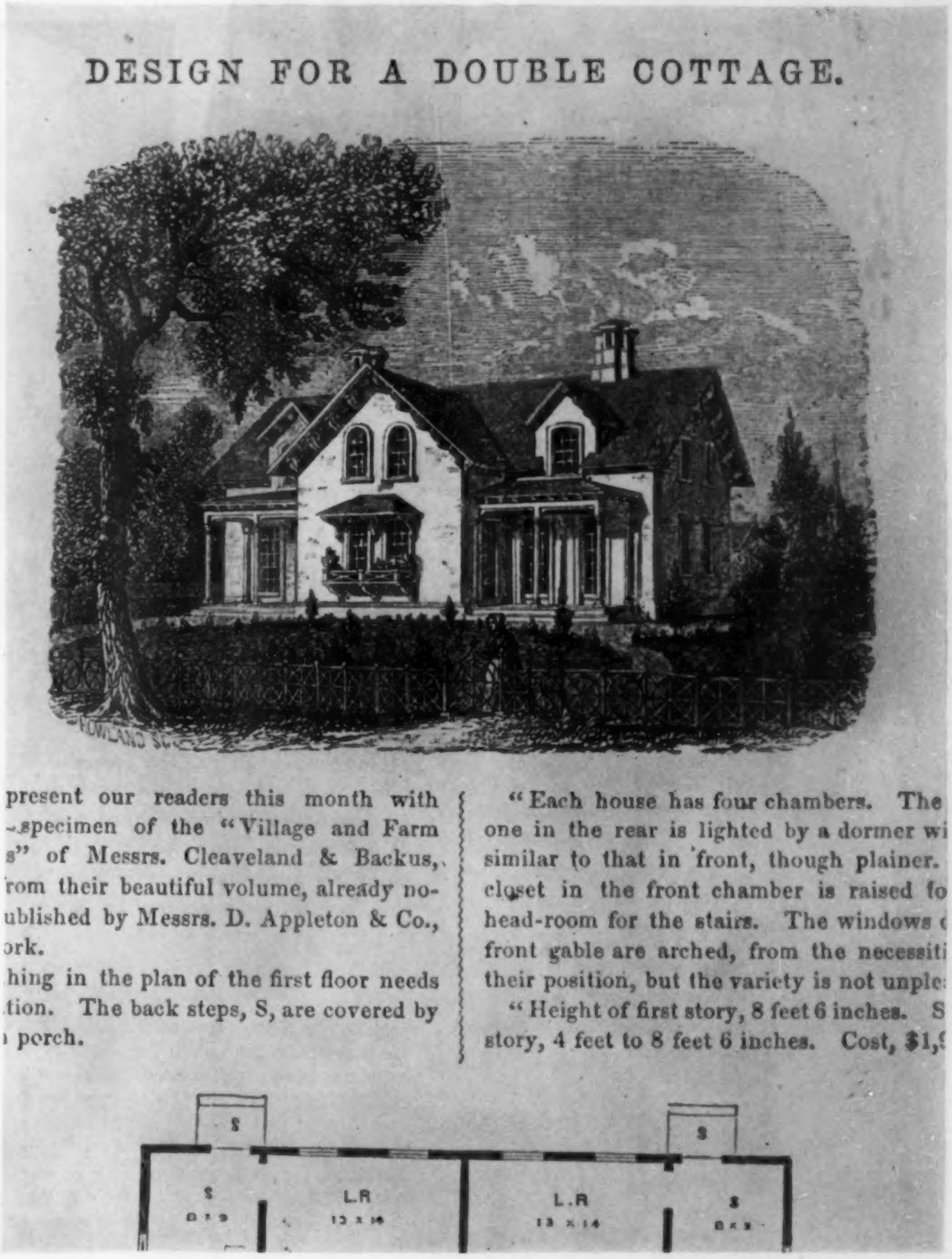


**Top: A portrait of Mrs. Hale painted by W. B. Chambers in 1850. Below it, what the well-dressed lady wore on horseback in 1839 and, below that, a morning dress of 1850, daughter as lavishly dressed as her mother**

*Illustrations courtesy of Old Print Exchange, N. Y.*

SARAH JOSEPHA HALE, Mr. Godey's lady editor, was the first woman to edit an American magazine. Through its pages she had more influence over the women of this country than any other woman of the nineteenth century. She taught women to think for themselves at a time when they were not supposed to think. Mrs. Hale gave them recipes for cooking and made the housewife a dignified person. She gave them poetry and philosophy for their souls and advice about their husbands and children. She influenced Abraham Lincoln to set aside an annual day of Thanksgiving. She rescued Bunker Hill Monument and Mount Vernon from oblivion and she helped found Vassar College. She sent out the first women medical missionaries, founded the first day nursery in America, and worked for years for the betterment of working conditions among women in shops and factories. With all these activities Mrs. Hale found time to be president of the first Seaman's Home which she started, to raise and educate five children, and to edit a magazine. These are but a few of the many things this remarkable woman accomplished in the forty years that she served as Mr. Godey's lady editor.

Mrs. Hale was born Sarah Josepha Buell in Newport, New Hampshire, in 1788. Her early education was better than that of most girls of the period because her mother was one of the few women who could read and write and she taught her daughter what she knew, including an appreciation of good books. Mrs. Hale's older brother, Horatio, went to



DESIGN FOR A DOUBLE COTTAGE.

present our readers this month with
-specimen of the "Village and Farm
s" of Messrs. Cleaveland & Backus,
rom their beautiful volume, already no-
ublished by Messrs. D. Appleton & Co.,
ork.

hing in the plan of the first floor needs
tion. The back steps, S, are covered by
porch.

"Each house has four chambers. The
one in the rear is lighted by a dormer wi
similar to that in front, though plainer.
closet in the front chamber is raised fo
head-room for the stairs. The windows
front gable are arched, from the necessiti
their position, but the variety is not unple

"Height of first story, 8 feet 6 inches. S
story, 4 feet to 8 feet 6 inches. Cost, $1,

Mrs. Hale reviews a new architectural book by the most famous architects of her time, Messrs. Cleaveland & Backus

Dartmouth College. When at home on his vacations he taught his sister mathematics, latin, and philosophy. Mrs. Hale was such an earnest student that her brother said when he finished college that she knew as much as he did and should also have had a degree. College education for women in Mrs. Hale's youth was unknown.

Women teachers were also rare. However, Mrs. Hale became a teacher, proving that in her early years she was destined to do the unusual. She taught school for seven years and then married a young lawyer named David Hale.

For nine years Mrs. Hale lived a happy life with her cultured husband. He was anxious that she should improve her mind so every evening they studied together for two hours. During these years she wrote verses and was preparing herself for the years ahead although she did not realize it at the time.

Suddenly David Hale died of pneumonia after an illness of a few days. The young widow was left with four small children and little income. Two weeks after her husband's death a fifth child was born.

The next six years of Mrs. Hale's life were a struggle. With a family of small children it was impossible to teach for her living. There was little a woman could do in those days except sewing. David Hale had been an active Mason and it was his brother Masons who now helped her. They established Mrs. Hale and her sister-in-law in a small millinery shop, hoping that she could at least make a living for herself and children.

Mrs. Hale was unfitted by temperament for this kind of work so her business was a failure from the start. She wanted to write and she turned to the verses that she had written during the happy years when David Hale had lived.

The kindly Masons again came to her rescue and helped her publish a book of poems that she signed "By a Lady of New Hampshire." Mrs. Hale was pioneering in this field and women writers were neither common nor popular. The book must have had some degree of popularity because she gave up all thought of any kind of work except writing.

In 1827 Mrs. Hale wrote her first book, a novel, called, "Northwood." This book was popular from the first and was even published in England under the title, "A New England Tale." Less than a month after her book was published Mrs. Hale got her first offer to edit a magazine. This magazine was published in Boston and was the first one in America exclusively for women. It was called the "Ladies' Magazine."

Sarah Josepha Hale was now forty years old. She moved her growing family to Boston and started on her career as one of the most famous editors of the nineteenth century. She had high ideals for herself and her children and she wanted to be sure that they would be properly educated and that she would give the women of America a chance for education and thought.

Starting as editor of a magazine in 1828 was a brave job. It was a man's world and Mrs. Hale knew it. She wanted to reach women readers but she knew that to get them she must appeal to the fathers, husbands, and brothers of these women. This she did in her first editorial. She made promises in this magazine that she kept all her life. She promised that she would do all she could to help women but she would never print anything that the men could question or cause them to lose their standing in family life. Knowing that there were few men with vision like David Hale, she appealed to them at least to give her and the women a chance to show what they could do. In other words, she asked them to be good sports in her very best manner and Mrs. Hale's manner was her biggest asset. This may seem strange today when women not only read their own magazines but also those published for men, but Mrs. Hale lived over a hundred years ago and times have changed.

Mrs. Hale began to educate and enlighten the American women and she never changed her policy as long as she edited a magazine. She lived to see many of the things that she had advocated become commonplace but when she died women were thinking and doing things in America and Mrs. Hale had done her part well.

At the time when Mrs. Hale left Newport for Boston another magazine for women was coming into prominence in Philadelphia. This one was published by Louis Antoine Godey, a

*[Please turn to page 58]*

# Their WORK is their BLESSING

### CLARA B. DEAN

**Home must share the responsibility with schools for a healthful or destructive attitude toward work. Work must not be given a child as punishment—it is one of the few things that *can* be given**

Though we hear much of a new attitude toward work, an enervating conviction that work is a burdensome thing to be done with as little effort and in as few hours as possible, we are not deeply disturbed about its effect on our children. Many of us think that this attitude concerns adults only; children, we say, know nothing of work, they are too young for responsibility; let them play; when they have jobs of their own there will be new attitudes to burden the conscience of the good citizen. Some day they will have to work.

But children do and should work, and the feeling they have about the work that is their own is one of the rare important things that we can do something about. Our own children, those from homes where the problems of living are hidden in the niceties of living, are the ones who are suffering most keenly. They have never given, never sacrificed, and the things that are given to them seem to cost no labor. They take as their due a home, comfortable, fashionable clothing, an education at public expense, and a thousand luxuries. It is natural for them to believe that someone owes them these things and that work is a punishment they do not deserve.

This attitude, in mass strength, is seen most clearly in public schools where the child has no realization of the cost of his schooling. He expects to be "given" an education, as he has been given everything else; the teachers in the public schools will teach him all he has to know if he will sit through it. The teachers have a job, but he hasn't. He goes to school with an attitude of "Government, gimme" because he has learned to say "Mother, gimme" at home; and he goes to maturity believing the government "owes" him an education, the government "owes" him a living, the government "owes" him protection from industry, the government even "owes" him amusement and recreation. The ideal of work for self support and service to others is not in him.

During the past few years I have had an opportunity to study the effect of work complexes on two typical and widely different groups of young students. In New England I was teaching, in a private school, descendants of Plymouth and Massachusetts Bay colonists, ambitious and sturdy children of successful parents. In New Jersey I taught, in public school, first or second generation immigrants, average children of small men who worked for large companies. Two extremes, old Americans, products of pioneer thought and work, and new Americans, swinging dangerously and too trustingly with the pendulum of contemporary American thought. It was not so much the quality of their work that I found to be different; it was their attitude toward their work. In one school, work was a means of growth, a privilege, a duty to justify expense, an effort whose high reward was accomplishment. In the other, work was a punishment, something really disagreeable to be avoided if at all possible.

The homes must share the responsibility with the schools for such healthful or destructive attitudes toward work because a child has opportunity for work at home and he hears much of work at home. An attitude that is destructive of ambition is cultivated in a home where the father makes frequent complaint of a "hard day at the office," where the mother scolds about this task and that, and where the child is made into a reluctant errand boy; where everybody steams and fumes to push work out of the way so that much time may be had for "pleasures." It is so easy to burden ourselves doubly with the work and the hatred of it, so easy to pity ourselves, and so easy to pass this hatred and self-pity on to our children.

We know that there will be no responsible adulthood without growth that comes as a result of work that becomes ever harder with each new growth. A child is proud of his muscle and we are proud, too, when we see the new strength that comes with exercise. We take physical development seriously and are alarmed about a boy who will not work his muscles to their limit of strength. So we must feel about all work and all growth; if we feel so, our children will be eager for new work. The habit of creative work grows so easily, by such small steps; such little things can encourage it or stunt it!

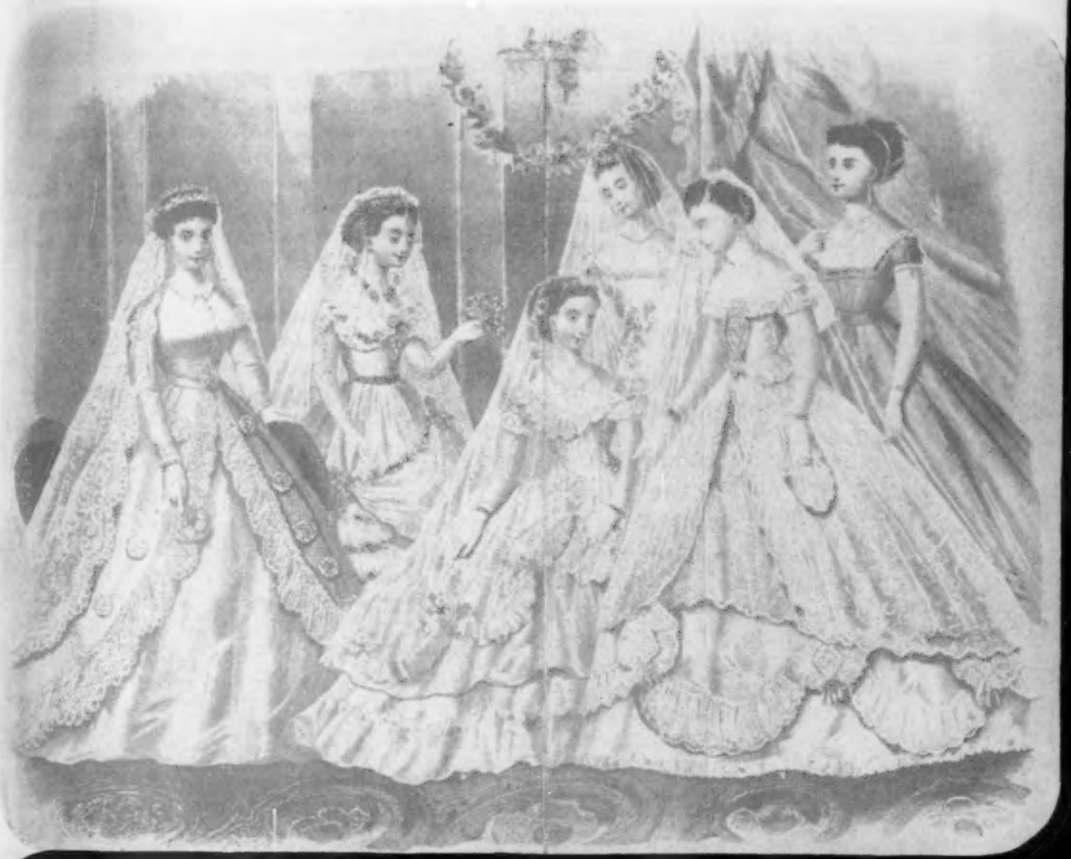
In an effort to make work pleasurable we "progressive" parents and teachers often sugarcoat it to look like play. "It is fun," we say. "See you can play this game and learn your A,B,C's," teaching thus that work is offensive and play the ideal. How much more fun there is in doing something that is hard, something that almost reaches the limit of ability, something that builds muscle and self confidence, something that we know to be work! No play can be so satisfying as creative work. Given an opportunity, a child will know this in any work that is his own.

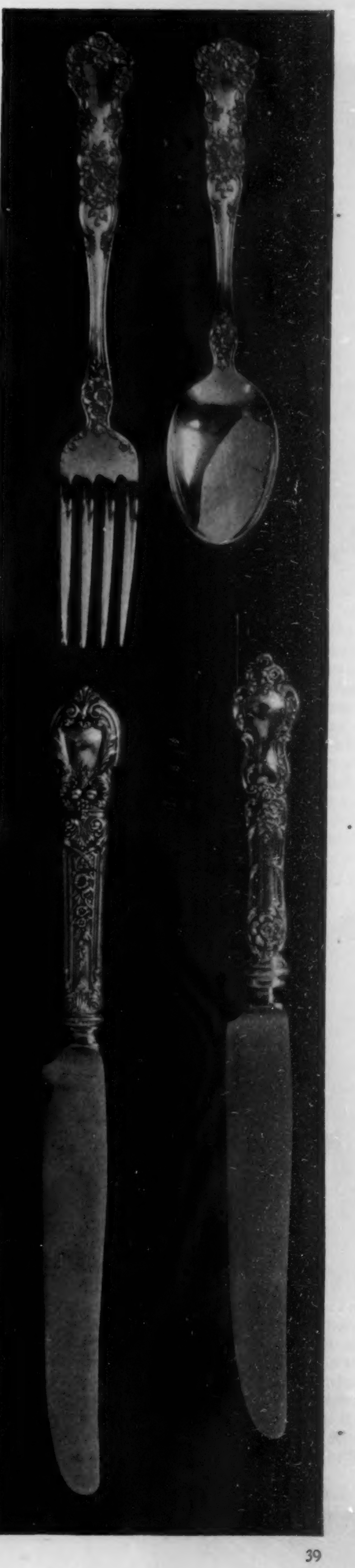
The difficulty comes, of course, in finding work that appeals to the child as his very own. But with a little thought and much tact almost any task can become that to the energetic boy or girl. Frances looks after her room; she makes up her bed every morning and mops and dusts; dreary, routine tasks they might be, though

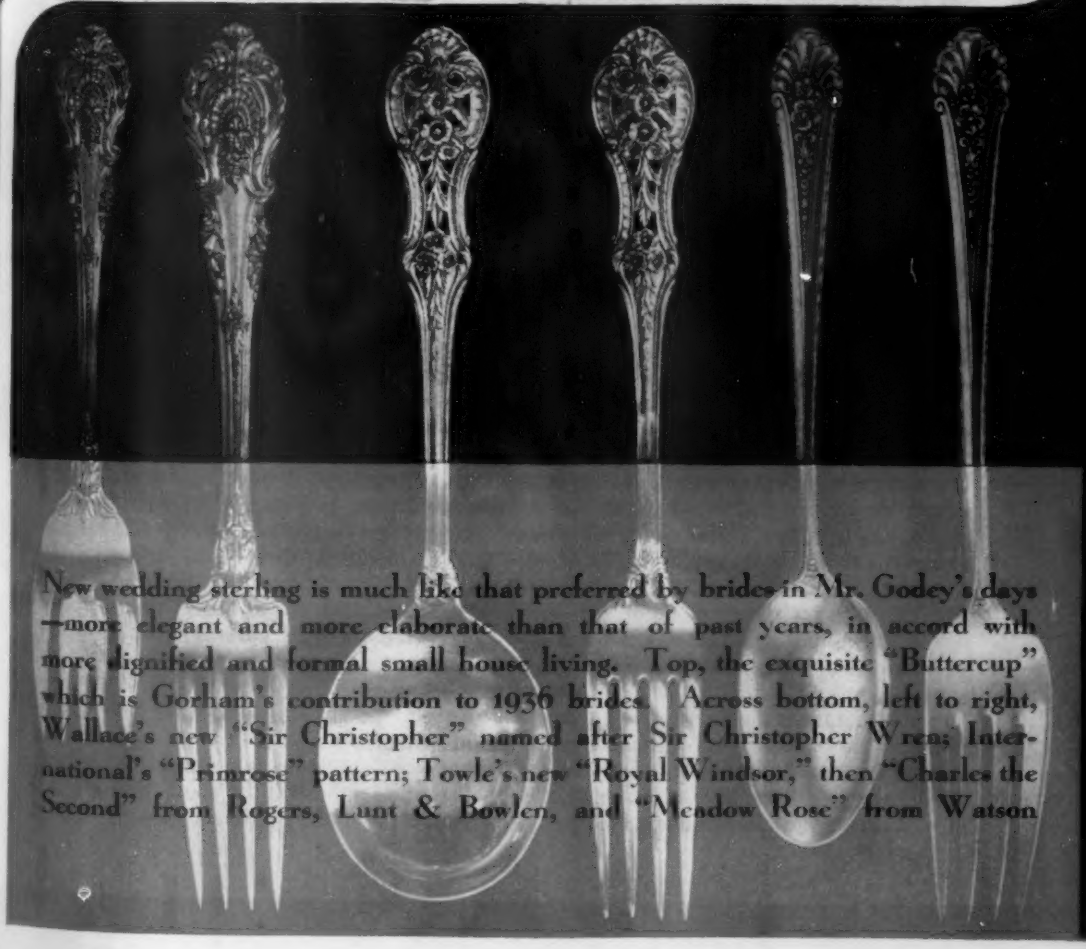
[*Please turn to page* 85]

# The April bride of 1936

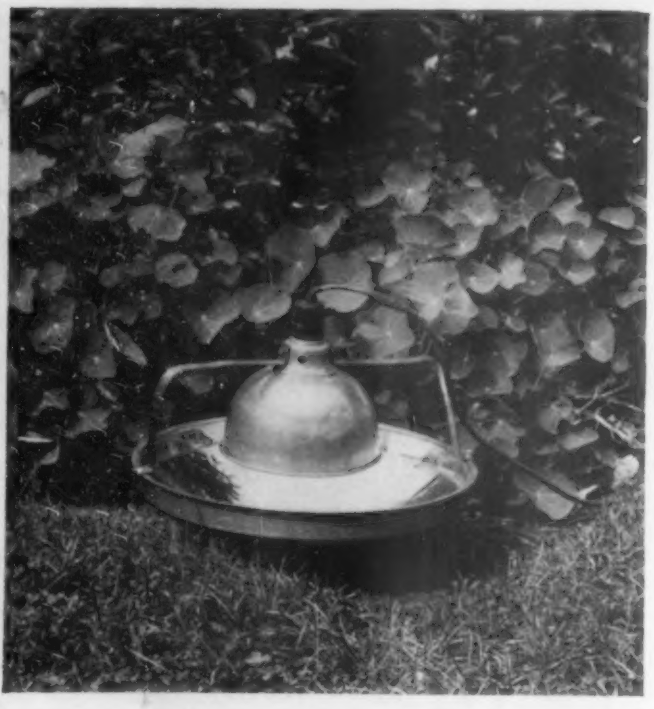
## can have the same elegance as Godey's brides



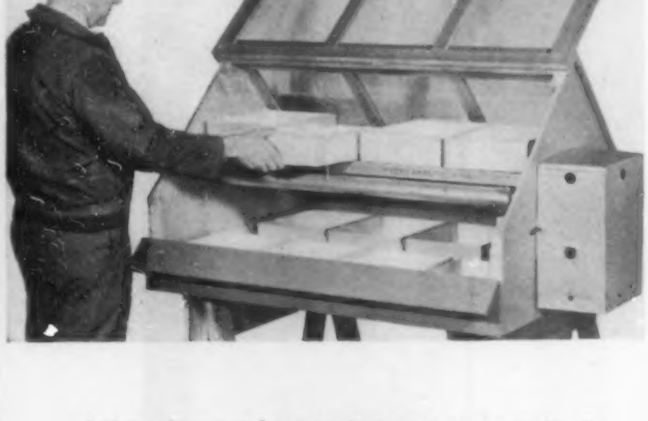




New wedding sterling is much like that preferred by brides in Mr. Godey's days—more elegant and more elaborate than that of past years, in accord with more dignified and formal small house living. Top, the exquisite "Buttercup" which is Gorham's contribution to 1936 brides. Across bottom, left to right, Wallace's new "Sir Christopher" named after Sir Christopher Wren; International's "Primrose" pattern; Towle's new "Royal Windsor," then "Charles the Second" from Rogers, Lunt & Bowlen, and "Meadow Rose" from Watson



Ever notice that your plants—Asters, Phlox, Coleus, Gaillardia, even the leaves of the Yew, are chewed up by some mysterious insect you never see? It is probably the Asiatic beetle which feeds by night and when daylight comes it descends into the ground and nestles among the roots of the plant. It is the color and size of the coffee bean. Dusting with lead arsenate is one method of control but it is disfiguring. Another method is to trap the beetle by the means of the ultra-violet ray lamp. One unit like this shown above will suffice for the average suburban garden. The light isn't visible to the human eye but it attracts the beetles and they are lured to death in a kerosene bath. (Westinghouse Lamp Co.)



Quite adequate for starting seeds indoors in the ordinary dwelling is this Keene Plant Starter which is, in fact, a miniature hot water heated greenhouse. The little box to the right conceals an oil lamp and holds the boiler from which water is circulated, generating heat inside the glazed frame. The only consideration is that it be put where it can get some real light to help the young plants along. When all our houses are fully air-conditioned, we will probably be able to raise plants indoors just like Grandmother did. But, in the meantime—!

Is THERE any other hobby or recreation that yields the double return that the gardener gets? The real dyed-in-the-wool gardener enjoys as greatly the thrill of possessing and planting the seed of the young plant as he does the actual development and fruition. He sees in his mind's eye in the springtime, as he puts the seed into the ground, or as he did in the fall when he buried the bulbs, the unfolding picture of the future transfiguration and even though the realization may fall short of the original imagination he is adequately repaid on both counts. Plants in general grow into greater beauty as they reach greater stature, yet none-the-less the gardener must not be content with mere possession; always he must control, protect and coax out the maximum of beauty. Though spring sees the realization of the fall effort it is also the cradle of summer glory.

## the spring planting

It is the critical moment—now, or never. Go to your specialist plant dealer and buy a choice selection of early flowering plants; Pansies, Forget-me-nots, Daisies, Iceland Poppies are just a few suggestions to brighten up the earliest days of summer before the more permanent and established plants get going. Bedeck not only your border but also replenish the rock garden, perhaps with Mosspink or Sunrose. Oh, what busy days this spring season brings to the gardener, but how inspiring!

## division and multiplication

The old school-day jingle said, "Multiplication is vexation, division is as bad, the rule of three, it bothers me, and practice drives me mad." The gardener can adapt this philosophy. It is pretty nearly true that after three years of growth in the herbaceous border the perennials need lifting, division or multiplication, and resetting. In this sense, division and multiplication are one and the same thing—you divide to multiply. Hardy Asters, Hardy Chrysanthemums, Golden Glow, Eulalia, Helen Flower, Perennial Phlox, Iris, Delphinium; all these and many others of course can be lifted and let multiply by division, now. But very coarse things like Helen Flower can actually be chopped into pieces with a spade. Chrysanthemums and Asters can be broken up by hand. Nearly all the fall-flowering perennials can be handled with impunity in this way. The early flowering Iris, Delphinium, Lilies, with care (*with care*) can also be moved early. Old clumps of matted perennials are well repaid for lifting and cutting away the matted central mass of roots and resetting to give a new start.

## the winter aftermath

We are getting done with cold weather now and looking joyously forward to the sunshine of spring, but our ecstasy must not run away with due attention to somewhat laborious chores. Have you taken stock of the current effects of the recent winter? It is quite likely that the spring heaving after the frosts of winter have left many plants actually on the top of the ground, pulled up—roots and all—by the succession of frosts and thaws. A very little wind and sun at this time will kill. Look well to this thing. Go to the flower border and transplant or replant everything that has been yanked out; and, at the same time, look and see whether some of the deeper rooted plants are in need of being thrust back more comfortably into the soil. But don't make the mistake of merely pushing a plant into wet, sodden earth, but rather lift it and replant with a trowel. Delay until after real growth has started may seriously interfere with the proper growth of the plant. Underground action in spring is vigorous long before the tops show activity.

## roses, roses and more roses

Did some of your Roses succumb to the winter? All the more chance then for you to keep your Rose selection modern and up-to-date. There are many really worth while new Roses from which you may choose this year. Select from the many offerings to please your fancy is the best advice to the beginner. Study a little bit the catalog of the specialists and pick the variety that seems to please you most; and there are color illustrations generally to lead you to a decision. No one can tell in advance just how a given variety of a Rose (or any other plant), may behave in any one particular region—or even individual garden in any given region. The factors are many and complicated. Experimentation and pioneering are really the lure that leads the gardener into new thrills and delights. With the first burst of growth in spring, prune the Rose. Cut out the dead wood, prune back the shoots according to your desire. The harder you prune back (that is, the more you cut away and the fewer eyes you leave), the stronger and larger the resulting blooms will be. It is a compensation balance—the more the blooms, the smaller the individuals. It is for you to decide which you like best and prune accordingly. As you

# SEEDLINGS : Beetles : LAWNS

uncover the Roses by pulling down the winter mulch and cleaning up the ground, then is the time to give a real feeding to the rose bed; growth is just beginning. That is the time to feed—preferably using a complete prepared plant food on a soil with a reasonable humic content as from an old manure mulch which is simply to hold the moisture. Roses are woody plants and they will respond in ruggedness to a food that has plenty of phosphorus in it. Remember that Rose roots do not spread far and wide; put your food close around the plant. And, as growth develops with the season, don't forget persistent dusting to control the blackspot. It can be done. It has been done by others. It can be done by you! In the early spring unhilling and pruning, spray with Semesan or Bordeaux as a general prophylactic. A good start in April means good Roses in June.

## get after the weeds

You would be quite surprised if you ever took stock of the great economy of an early hoeing of your flower garden. The object is to control the weeds. It has been well said that "one hoeing in April is worth three in June," the hoeing being aimed definitely at cutting off the sprouting weeds before they can get any real headway. This is particularly effective with the coarser growing things like rank grass and Dock which are likely to start a good competition with even the stronger growing perennials. Now is the time to give that "stitch in time."

## don't forget the lilies

Here's a group of bulbs that are a convenient and defiant lot for though they seem to prefer fall planting, still they are congenial enough to put up with spring planting; so, if you did overlook Lily planting in the rush of the fall chores, there is time to do something about it this spring. Some of the Lilies emit roots from the stems above the bulbs as well as from the base of the "plate" and accept spring planting more easily than the simple base-rooters. Such Lilies need deep planting, accordingly. The Goldband Lily is a stem-rooter, and insufficient depth in planting is perhaps one of the reasons why it so often fails—just one! Try putting them down a foot. A good general rule is to plant so that there is a depth of earth over the bulb equal to three times its width—not less. Some popular stem-rooting species are: auratum, batemanniae, browni, dauricum, elegans, hansoni, henryi, japonicum, leichtlini, longiflorum, regale, bulbiferum, concolor, croceum, rubellum, sargentiae, speciosum, sulphureum, tenuifolium, tigrinum, umbellatum, wallacei, wilmottiae. Which is after all quite a respectable slice of the great Lily family.

## nurturing the tender seedling

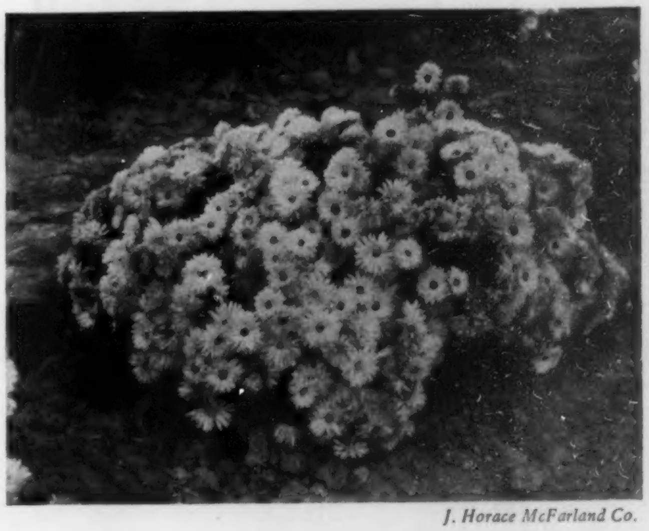
A good early start in life is just as much worth while in a young plant as it is with any other living thing. Soil sterilization in order to destroy incipient disease germs is practiced on a large scale in commercial establishments and a suggestion for home application of that idea by low heat sterilization was made in last month's Album. There are other methods which should be considered. Certain organic salts of mercury are easy to use and quite efficient. Corms or bulbs of Gladiolus, Lilies, Tritonia, Begonia, and suchlike can often be assured a good start in life by the simple process of giving them a bath in such a sterilizing mercuric salt before planting. Semesan, Uspulin, are names under which these preparations can be procured and are much safer in general use than the stronger very poisonous mercuric salts like corrosive sublimate. With any rare seed, soil sterilization is an economy and many people find that treatment of the vegetable seeds—peas, beans, and suchlike—has resulted in a better stand. Any method of giving a helping hand to a young plant is worth looking into. The powder can be mixed with the soil in a seed flat as a preventative of "damping-off" too. Recent improvements have been made by the manufacturers, and used at planting time the cost is so small as to be negligible. It is very cheap insurance for the other factors—labor, space, etc. are the same.

## lawns... beetles ... crabgrass

You would hardly connect up together such dissimilar things as Crabgrass and Asiatic beetles! Yet, if your region is infested by that Asiatic intruder or by the Japanese beetle it is quite possible that the Crabgrass that took possession of your lawn last year might be indirectly traceable to the work of one or both of these beetles that infest the soil and eat the roots of the lawn grasses. Where a good grass is killed or dies out, Crabgrass all too quickly gets in. There is no doubt that poisoning the lawn soil with arsenate of lead is an effectual remedy—one pound to a hundred square feet is recommended but half as much again would be even better. Such dressing will protect the lawn for four years. Apply the arsenate as a spray and wash in with the hose or you can mix the arsenate with soil and spread evenly over the surface of the lawn.

J. Horace McFarland Co.

Among the really good-natured annuals that illume the garden and provide an abundance of flowers for cutting, the Coreopsis is an established favorite. It is one of our good native American plants that has easily graduated into garden rank. It is one of those things that is almost too easy to grow but its profusion of welcome flowers guarantee its favor. Calliopsis and Coreopsis are interchangeable names but popularly Calliopsis is applied to the annuals and the common perennial Coreopsis is so distinguished. There have been dwarfs before but this season, under the name of Dwarf Marmorata, the dainty little plant pictured here suggests its possibility even for the rock garden. The tiny blooms range in color between maroon and mahogany.



J. Horace McFarland Co.

Dwarfness seems to be in the air this season and here's a very definitely low growing Chrysanthemum with the fitting name of Pink Cushion. But it also has other titles, worse luck, as Azaleamum and Amelia. It is a true rose-pink color and offers a means of getting color into the rock garden in the fall. It should begin to bloom in September and will keep on producing even enduring the early light frosts.

Akron

# It's all done with MIRRORS!

*When you cannot afford to re-do a room, or invest heavily in new furniture or upholstery, there is nothing which will work so great a miracle of decorative rejuvenation as bits of mirror, cleverly used. They give optical illusions of more space, more light, do all sorts of smart tricks for you*

**D. WHITNEY**

THIS is really a plea to take mirrors more seriously. The general tendency is to regard them as one of the lesser pomps and vanities of this wicked world. Actually, they are the white magic of home decoration, performing all sorts of wonders if you handle them well. In addition to their common or garden function of reflecting the tilt of your hat or the shine on your nose—they can make a room look wider or higher; double the beauty of a fine vista; lighten a dark corner, and in general play tricks in optical illusion.

*What to do until the architect comes*—Have you a room that's badly proportioned? Don't feel you have to wait until you have money enough to remodel the house. A few well placed mirrors will conceal if not correct the defects. Is your living room too small and square? Try paneling the foyer with mirror. It makes a charming anteroom, and gives a magical illusion of far-reaching space. If this is too much for your budget, place a single large mirror panel on the foyer wall opposite the entrance to the living room. It will do the same thing in a smaller way.

Has your living room a super-abundance of doors which break up the wall space and completely confuse your guests? Cover one or two of these doors with mirror, first removing all mouldings so that the door can be made perfectly flat with the wall, in the modern style. Cut a piece the same width to place above the door, reaching to the ceiling. Flank it on each side with a narrow four- or five-inch strip of mirror, also reaching from floor to ceiling, fastened to the wall with glass studs. The effect is extremely decorative, and serves to eliminate the effect of one door too many.

Is your room too long and narrow? Place a mirror panel over the fireplace on the long side. It will make the room seem much wider. Or if your room is modern, do the fireplace itself in mirrors. If you have no fireplace, a clever placement of a mirror screen will do the trick. There are many new kinds, one of the smartest being the sort that looks like Venetian blinds, with the slats in mirror.

*Looking glass gardens*—One of the nicest things about mirror is the way it doubles your assets. If your living room looks on a garden, place a large mirror on the opposite wall to reflect the vista. And if you haven't a garden, why not line the sides and ceiling casement of your windows with mirror? Window boxes of flowers on the inside window sill will be reflected, trebling their beauty. A simpler device, on the same principle—place a mirror behind the side table on which you place flowers, or a flat mirror plate beneath your dinner table centerpiece of flowers, with matching mirror place mats and coasters.

*Dinner is served—on mirrors*—While we

Left: An average living room can be made to appear larger, more livable, and smarter by using a large mirror at one end of the room. Courtesy, Bloomingdale's

are considering the dining room, don't stop at place mats. Consider, too, the possibility of a mirror top table. With white painted chairs and woodwork the effect is charming. If you can afford to panel the walls in mirror, as well, it is extremely dramatic, although naturally more expensive. And if you are proud of your glass and china, why not give it its due share of publicity by placing mirror in back of the shelves, or lining your open-front china cupboard? It will reflect its beauty to advantage.

In fact, this applies to your pet objets d'art generally—whether your taste runs toward Sevres, Early American glass, or ships in bottles. Place them on shelves in a niche lined with mirrors, and you'll discover that you have a much handsomer collection than you suspected.

And, of course, if you're planning a little bar for your game room, by all means do it in mirrors. Or at least put a mirror panel in back. Glassware and bottles seem to have a particular flair for narcissism.

*How far that little candle*—In matters of illumination, we can take a tip from our grandfathers, who put mirror sconces behind their candles, and hung mirror prisms from their candlelabra. The play of light on mirror is exquisitely lovely, and incidentally, efficient. Have you a dark corner in your living room? Put a mirror behind the lamp table, and watch it brighten up. The new mirror wall brackets for side lights, in rather modern prismatic shapes are equally effective. And the very modern lamp bases made out of clusters of mirror curtain rods are interesting and by no means limited to use in modern rooms alone.

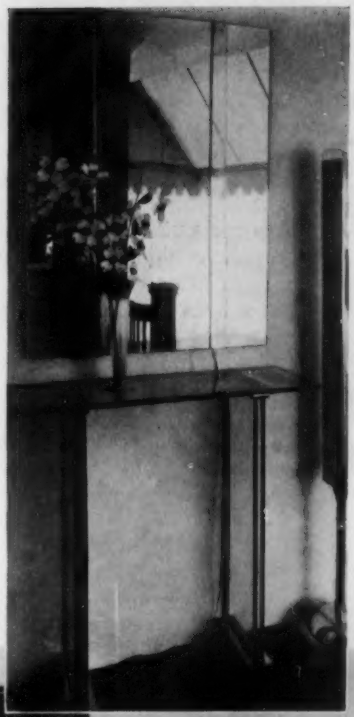
*Coat closet into powder room*—Are you short of space, and consequently short a powder room for your guests? Hang a round mirror, with a decorative medallion in the center of it, on the back of the hall closet door. Build a tiny shelf below it for gadgets, such as powder, comb, hairpins, and other impedimenta of beauty.

Or perhaps you lack a dressing room, with a vanity table? Why not turn a corner of your bedroom into one? Build a triangular shelf into the corner, with a "petticoat" of gay chintz, Cellophane, fringe, or whatever. Line both sides of the wall with mirror. Place a small vanity box with its own standing framed mirror on the little table top. Add a good bright electric bulb, and you have a perfectly efficient dressing table with three-sided mirror.

*Mirror minutiae*—Space doesn't permit us to be encyclopedic, and every day brings new discoveries in the tricks of mirror decoration. We can't do more than remind you of the great variety of mirror furniture on the market, from cigarette boxes to radios and coffee tables. We don't know of any surer way to bring a bit of new life to a well-worn room than to introduce one of these charming pieces. If you're bored with your draperies, don't feel that entirely new drapes are the only possibility. Try the effect of mirror curtain rods, mirror tie-backs, mirror cornices. They are particularly effective with sheer draperies, although by no means limited to them. The effect of a mirror rod gleaming through sheer Ninon curtains draped swag fashion is delightful.

Carrara structural glass is used in the bathroom, right. Courtesy, Pittsburgh Plate Glass Co. Originality in dressing table mirrors, below, of three different heights

*Jessie Tarbox Beals*



Extreme simplicity is afforded in the side table and mirror arrangement, at right, planned by Helen Hughes Dulany. The mirror over the fireplace below adds size. Grosfeld

*Frank Randt*

# Some Tips For Mrs. Fixit

It is a rare household that does not need a Mrs. Fixit occasionally to replace a blown fuse, repair a damaged electric light wire, or tighten a loose door knob. Only by giving these little annoyances immediate attention can smoothness and serenity prevail in the household

MARTHA WIRT DAVIS

ALMOST every housekeeper, at some time or another, has been forced into the rôle of Mrs. Fixit—either in self defense or for the sake of economy. I remember clearly my initial experience. I had an important engagement for nine o'clock one morning and, as usual, had left the pressing of the dress I intended to wear until the last moment. Just as Friend Husband was leaving for the office I discovered that the iron wouldn't heat.

"The cord's burned out," he said after glancing at the plug. "Sorry I haven't time to fix it now. I shall tonight."

That didn't help me much so I called an electrician. The best he could do was a vague promise to come right after lunch. I decided then and there that if I never learned anything else in this life I was going to learn how to fix a burned-out cord. And I did. I sat down and took the cord and plug apart and tried, painfully and slowly, to recall a lesson in high school physics concerning electricity. I didn't get my dress ironed that morning but I did find out how a cord works and what to do in case it goes on strike.

While the rôle may not coincide with my grandmother's mid-Victorian idea of a ladylike accomplishment, there is quite a bit of satisfaction in being able to fix one's own cords, open stubborn windows, unstop stopped-up sinks, put new washers in leaky faucets or replace burned-out fuses without calling for male assistance.

The first bit of advice I would give a fellow sister who aspires to such independence and self-reliance is—learn how to use and care for tools. It will save time and family arguments. Almost every man, even though he never uses them, knows how to care for his tools.

I don't know whether it's an instinct or whether it's a left-over from manual training days, but if you're inclined to leave the saw on the basement floor instead of hanging it up or to hide the hammer under the davenport cushions, then you'd better mend your ways or else give up your Fixit career. It seems that saw blades become warped and untrue if laid on a flat surface, and that hammers, screwdrivers, pliers, and such are useful only when they can be found in emergencies.

Now a word about hammers. Have you ever tried to pound in a nail with disastrous results either to your finger or to the nail and finally wailed in despair, "Oh, I simply can't pound a nail in straight?"

In all probability, my dear woman, you were trying to *push* the nail in with the hammer instead of *driving* it in. (The words are a man's. I am omitting the sarcasm.) Take hold of the hammer close to the end of the handle, so that it will swing freely and easily. If you grab it up near the head you won't have any leverage and your blows at the nail will be practically futile. After the nail has been started with easy taps, let go of the nail and hold the board with that hand, then swing away.

Never pound a screw, no matter how angry you are. It won't go in by being hammered and the little end will probably break off. If you're putting up a towel rack or curtain fixture that is held in place by screws, instead of wrestling with screw and screwdriver and fixture all at the same time, take the fixture apart as much as you can. The rods are usually separate from the brackets. Then hold the brackets against the wall and with a pencil mark through the holes where the screws are supposed to go. Make little holes in the wall with a nail so that the screws will start easily. After they are once started they go in without an argument.

I dropped in on a friend once who was moaning. "Oh, I've been at Fred for a week to put up screw-hooks in the cupboard for my cups. I've tried to do it myself but my fingers aren't strong enough to twist the things around."

I asked her if she had a pair of pliers handy. She did. The screw-hooks had very sharp points and were not difficult to start. After that I took hold of them with the pliers, so that I could have a leverage, and twisted away. They went in beautifully and I didn't hurt my fingers one bit. Pliers are such useful things for saving fingers that I don't see how any woman can keep house without them.

In this age of electric gadgets, cords are the commonest things to go haywire. When your iron suddenly refuses to heat, or the toaster doesn't toast, or a lamp doesn't light nine times out of ten the trouble is in the cord. The easiest way to find out is to look inside the plug that you put into the wall socket. If your plug screws in, it is made up of two parts and you will have to pull them apart. Lift out the

[*Please turn to page* 98]

a screw driver to drive screws
fix plugs

*Sketches by H. E. Marsden*

leverage
soap helps
a drop of oil

# Easter eggs

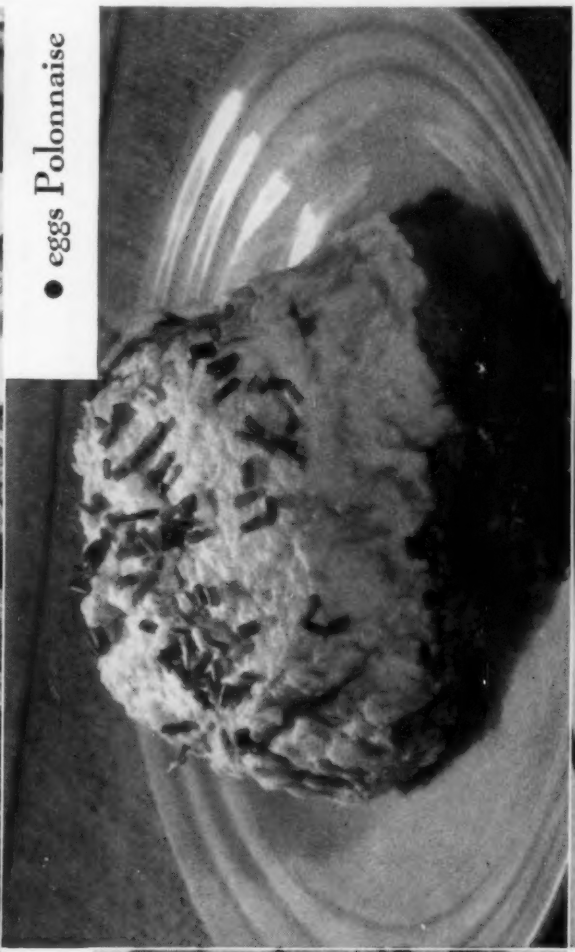
*We usually think of Easter eggs as hard boiled and decorated in a galaxy of colors. But consider these other Easter eggs—in a variety of rôles, suited to every taste and humor. Try them for breakfast, as a dinner appetizer, or as the main course for supper on Easter Sunday and other Sundays and week days throughout the year.*—FLORENCE E. FIELD

*Recipe printed on back of each photograph*

*Recipe printed on back of each photograph*

*Recipe printed on back of each photograph*

• eggs Savoy



• eggs Polonnaise

• liver soufflé

• caviar continental

• omelet superbe

• deviled eggs en casserole

*Demarest*

# Easter eggs

*For breakfast let us garnish the dear old standby the fried egg with a crisp curl of bacon and a nicely broiled chicken liver. As for scrambled eggs, vary them with dried beef or slivers of sliced Bologna.*—FLORENCE E. FIELD

*Photograph printed on back of each recipe*

*Photograph printed on back of each recipe*

*Photograph printed on back of each recipe*

## • deviled eggs en casserole

6 hard boiled eggs
Mayonnaise
Mustard
Pepper
Salt
1 cupful shrimp
1 cupful cooked mushrooms

Cut eggs in half crosswise and remove yolks. Mix yolks with mayonnaise, mustard, pepper and salt to taste. Refill egg whites and place in greased casserole with shrimp and mushrooms. Cover with cheese sauce and place in moderate (350° F.) oven until thoroughly heated, about 10 minutes.

### cheese sauce

2 tablespoonfuls butter
2 tablespoonfuls flour
1 cupful rich milk
½ cupful cheese, cut up

Melt butter and add flour. Blend thoroughly and add milk gradually while stirring constantly. When thickened, add cheese and heat until cheese melts.

*Tested by* The American Home

## • omelet superbe

12 eggs, separated
5 teaspoonfuls flour
5 teaspoonfuls corn starch
2 cupfuls milk
Salt and pepper

Beat egg yolks lightly and add flour and cornstarch. Slowly add the milk and salt and pepper. Fold in the stiffly beaten egg whites. Pour into two buttered cake tins and bake in a moderate (350° F.) oven for 20 minutes. Serve with creamed sweetbreads and mushrooms between the layers. This omelet will never fall and may be served with many different things between the layers—creamed asparagus, shrimp, chicken, or Spanish sauce.

*Tested by* The American Home

## • caviar continental

Egg whites
Caviar
Egg yolks
Grated onion
Lemon juice
Lettuce

Fill well buttered individual ring molds with egg white. Place in shallow pan of water and bake in the oven till firm and hard. Cool and remove from molds. Place on lettuce leaf and fill center with caviar which has been mixed with grated onion and a little lemon juice. Cook the egg yolks in boiling salted water and when hard, rub through sieve. Sprinkle over caviar.

*Tested by* The American Home

## • liver soufflé

1 pound liver
½ tablespoonful melted butter
2 tablespoonfuls cream
1 tablespoonful fine bread crumbs
1 teaspoonful grated onion
Salt and pepper
3 eggs, separated

Put raw liver through meat chopper and then mash through sieve. To this add melted butter, cream, bread crumbs, salt, pepper, and onion. Mix in egg yolks, then fold in stiffly beaten egg whites. Pour into greased casserole and bake half an hour in a moderate (350° F.) oven. Serve with a mushroom sauce.

*Tested by* The American Home

## • eggs polonnaise

Buttered toast rounds
Steamed eggs
Whipped cream
Horseradish
Chopped chives

Place a steamed egg on buttered toast round, and cover with whipped cream which has been mixed with horseradish (to the proportion of ½ cupful horseradish to ½ pint whipped cream). Season with salt and sprinkle with chopped chives.

*Tested by* The American Home

## • eggs savoy

4 slices buttered toast
1 cupful hot milk
6 eggs
Cinnamon and sugar

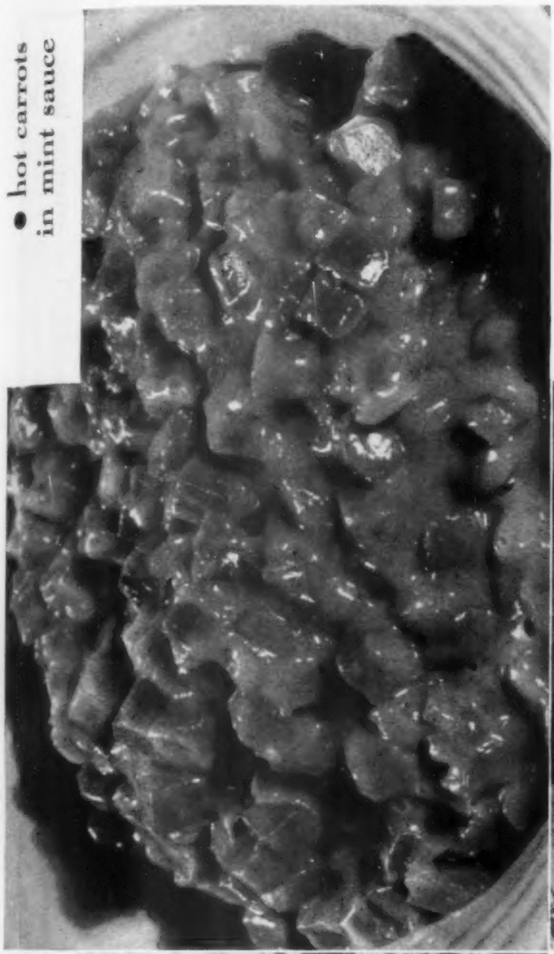
Place toast on platter. Pour hot milk over it. Scramble eggs lightly, and pile on milk toast. Sprinkle generously with cinnamon and sugar, and place under broiler flame to glaze.

*Tested by* The American Home

# Carrots in high favor

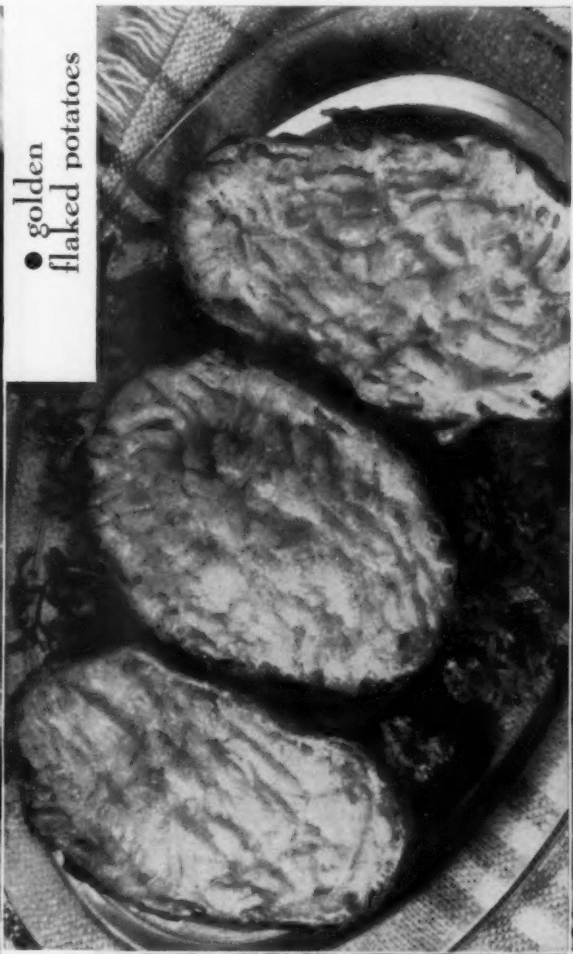
*In the time of Queen Elizabeth carrot leaves were considered so decorative that the ladies wore them in their hair in place of feathers. Nowadays carrots also are favored as an aid to beauty—but the trick is to eat them, not to wear them.*—GENEVIEVE JEWELL

*Recipe printed on back of each photograph*



● hot carrots in mint sauce

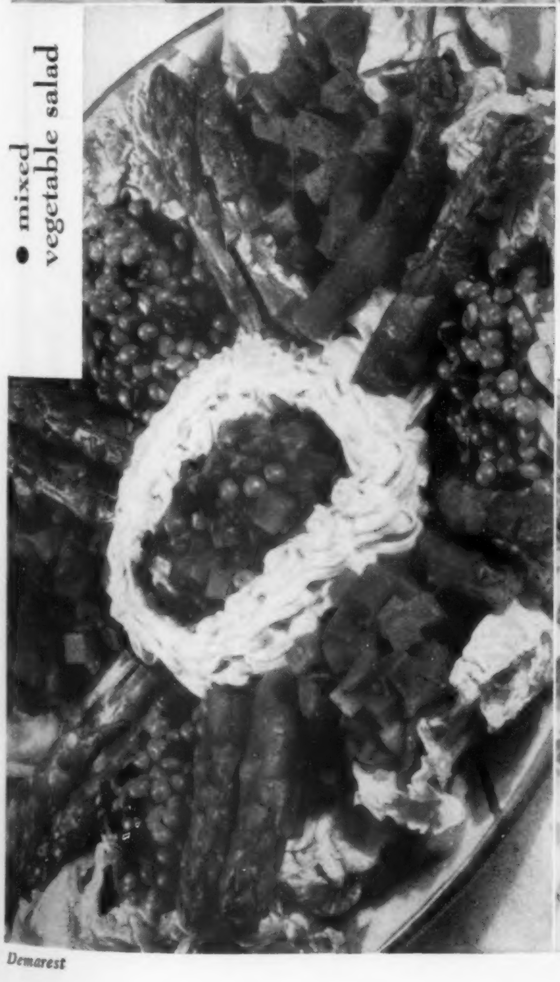
*Recipe printed on back of each photograph*



● golden flaked potatoes

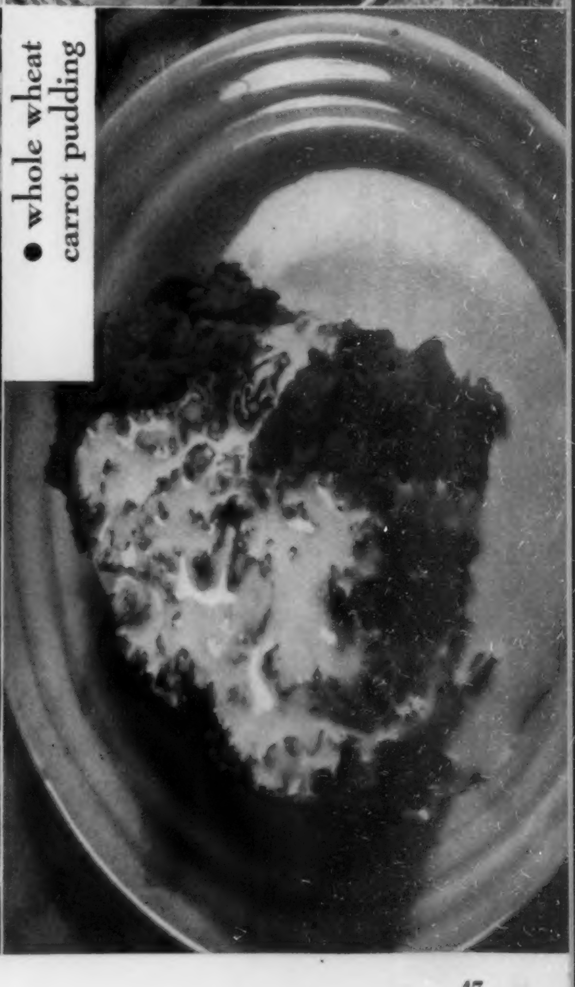
*Recipe printed on back of each photograph*

● baked carrots



● mixed vegetable salad

● sunset salad



● whole wheat carrot pudding

*Demarest*

# Carrots in high favor

*The carrot as we know it today was probably developed from the wild species which grew in the fields and along the roads and seashores of Britain. Many interesting ways of using the vegetable have been devised to emphasize its flavor and heighten its palatability.*—GENEVIEVE JEWELL

*Photograph printed on back of each recipe*

## whole wheat carrot pudding

- 2 slices whole wheat bread
- ½ cupful milk
- 1 cupful ground carrots
- ½ cupful seeded raisins
- 3 tablespoonfuls sugar
- 1 egg, separated
- ½ tablespoonful butter
- 2 cupfuls whole wheat cereal flakes
- ¼ teaspoonful salt

SOAK bread in milk. Add carrots, raisins, sugar, egg yolk, salt, and whole wheat cereal flakes. Beat egg white stiff and fold in. Melt butter in baking dish and pour in the pudding. Bake in a hot (400° F.) oven for 35 minutes. Serve with Golden Sauce.

### golden sauce

- ¾ cupful sugar
- 2 tablespoonfuls flour
- ¾ cupful boiling water
- 2 tablespoonfuls finely grated carrot
- 2 tablespoonfuls orange juice
- 1 tablespoonful lemon juice
- 2 tablespoonfuls butter
- ⅛ teaspoonful salt

Mix sugar, flour, salt, and water in upper part of double boiler, and cook stirring constantly until thick and clear. Set over hot water, add remaining ingredients, and let cook slowly for 10-15 minutes.

*Tested by* THE AMERICAN HOME

## baked carrots

- 3 cupfuls grated carrots
- 3 tablespoonfuls butter
- Salt and pepper

PLACE grated raw carrots in baking dish with tight cover. Bake in a moderate (350° F.) oven for half an hour. Just before serving sprinkle with salt and pepper and dot with butter. Carrots baked in this way have an extraordinarily rich, sweet flavor. A sprinkling of ginger may be added to carrots before putting in oven for added flavor.

Whole carrots, firm and of fair size, may be baked carefully in the oven and they offer a similarly sweet flavor. Wash and clean carrots and bake in skin. When cooked, cut in half lengthwise and add butter and seasonings.

*Tested by* THE AMERICAN HOME

*Photograph printed on back of each recipe*

## sunset salad

- 1 package lemon gelatin
- 1 cupful hot water
- 1 cupful canned pineapple juice
- ½ teaspoonful salt
- 1 cupful canned pineapple, cut fine
- 1 cupful raw carrot, grated fine

DISSOLVE gelatin in hot water. Add pineapple juice and salt. Chill until mixture begins to thicken. Stir in pineapple and carrots. Pour into well oiled mold and chill until firm. Unmold on lettuce and garnish with mayonnaise.

*Tested by* THE AMERICAN HOME

## golden flaked potatoes

- 4 baked potatoes
- 1 cupful finely grated carrots
- ¼ cupful cream
- 4 tablespoonfuls butter
- Pepper and salt to taste

SCOOP out baked potatoes, mash with cream and butter, and season to taste with pepper and salt. Add shredded carrots. Pile lightly into potato shells and return to oven to heat thoroughly. The slight cooking gives carrots added flavor.

Grated carrots may be mixed in with plain mashed potatoes. This is an attractive dish that will delight the children.

*Tested by* THE AMERICAN HOME

*Photograph printed on back of each recipe*

## mixed vegetable salad

- 16 asparagus tips
- 2 cupfuls cooked green peas
- 2 cupfuls cooked, diced carrots
- Chopped parsley
- Diced pimiento
- ½ cupful mayonnaise
- Lettuce

ARRANGE lettuce on salad plate and radiate asparagus tips toward the edge. In spaces between tips arrange a mound of carrots alternately with a mound of peas. Place mound of mixed carrots and peas in center. Surround with mayonnaise forced through pastry bag and tube. Sprinkle carrots with chopped parsley and peas with pimiento.

*Tested by* THE AMERICAN HOME

## hot carrots in mint sauce

- 1½ cupfuls diced carrots
- 2 tablespoonfuls butter
- 1 teaspoonful cornstarch
- 1 tablespoonful sugar
- 1 tablespoonful shredded mint leaves
- Few drops lemon juice
- Grated rind of ¼ lemon
- ⅛ cupful water

COOK diced carrots in small quantity of slightly salted water. When tender, push carrots to one side of pan, put in the butter and melt over a low fire. Blend cornstarch with sugar, add water, mint leaves, lemon juice, and rind. Add this to the butter and cook, mixing in the carrots as the sauce cooks. This is nice to serve with roast lamb.

*Tested by* THE AMERICAN HOME

# Soup Kettles FOR SALE

I KNOW a house where there is always lavender among the linens—and heirloom silver so lovingly burnished that it gleams like shafts of moonlight on dark pools of polished mahogany. It was in this house that I saw the old copper soup kettle standing at a window—ablaze with tulips.

Here, as in many other fastidious households, the family now enjoys soups—made the home way without the home work—by the House of Heinz, creators of the famous 57 Varieties.

Thanks to long simmering in small, open kettles and "subtle twiddling of herb and spice," each of the twenty delectable Heinz soups comes to your table, a special creation.

Never, never water Heinz soup—but, as you'd pin Parma violets to your muff, one may add toasted almond halves to Heinz cream of asparagus, or pistachio nuts to the delicate cream of celery.

Clove-studded slices of lime or orange may well adorn the topaz-colored consommé Madrilène and croutons of puff paste are rightly added to the aristocratic mock turtle.

*Advertisement*

**By**
**Josephine**
**Gibson**

"Dolly . . . you've started a lot of gossip!"

**1. "Look at these panties,** Mother. They've got everybody on the block talking about dolly and you."

"Why, what's the matter? I wash dolly's clothes right in with my regular wash."

**2. "I told 'em** you do—and that nice new lady up the street said *that's* the trouble. She's afraid your washes have tattle-tale gray like hers used to. Even though you work hard, your soap leaves dirt behind and the clothes show it."

**3. "Dear me!** Is that all the new neighbor said?"

"Nope! She said you ought to change to Fels-Naptha—'cause its wonderful *golden soap* and *heaps of naptha* chase out every teeny speck of dirt—and clothes look a million times whiter."

FEW WEEKS LATER . . .

**4. At the new neighbor's house.** "So Mother tried Fels-Naptha Soap just like you told me. And now her clothes look so swell she baked you this apple pie."

"Well! Tell your mother Fels-Naptha is a wonder for silk things, too—and maybe she'll bake me a big chocolate cake!"

© FELS & CO., 1936

Banish "Tattle-Tale Gray" *with FELS-NAPTHA SOAP!"*

## *My Dear Kate:*

Do you remember John Biagolini, who used to work for your Dad? I stopped to talk with him one day and during the course of our conversation said that I should adore to know how to prepare real Italian spaghetti. He straightway gave me the recipe. Said he often made it for himself when Josey was not at home and she had taught him her method. When I prepared it for luncheon yesterday, I had an idea you might like to know the routine, so here it is: Use half a cupful of olive oil to one pound of spaghetti. Cut garlic or onion (but preferably garlic) into sections and add to oil which has been brought to a boil over a slow flame. Boil slowly and when garlic is red put in tomatoes (one pint can of skinned tomatoes). Boil for half an hour and then add pepper and salt to taste. Chopped meat may be added at this point, if desired. Boil spaghetti for twenty minutes in salted water. When done put in dish and flatten, add cheese (grated handsful—either Parmesan or Lacotelli), mix and add sauce. I always purchase my ingredients for this dish in our Italian section, as many of the shops in our neighborhood do not carry the right kind of tomatoes, which are of the small, bell shaped variety and usually imported. They seem to be richer than ours.

Alec has made a miniature cobbler's bench which has withstood a good bit of appreciative comment. He has fashioned into the seat a copper ashtray, the working bench holds a package of cigarettes and the drawer a box of safety matches.

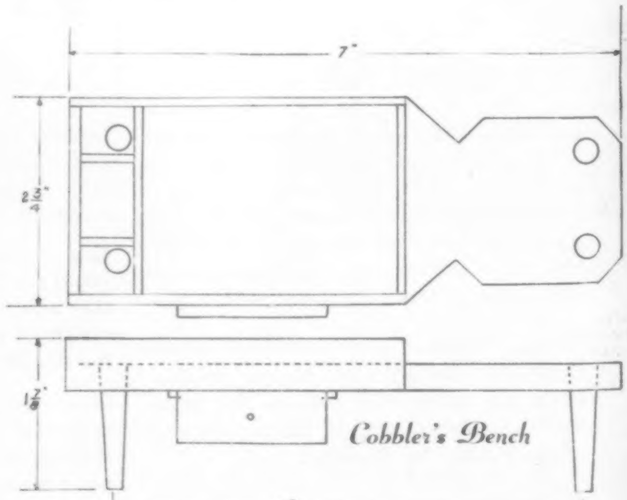
Although we usually buy inexpensive toys (when we do *buy* them) we have always been careful to buy firm, well made, sturdy articles. In spite of the fact that Judy is not a destructive child, any toy will occasionally break down under the general wear and tear of a child's play. I usually put away any plaything that is in need of mending and when I have collected a few, we spend a Sunday morning repairing them. Alec does any carpentering work, or painting and I mend stuffed toys, etc. and see that the dolls have clean frocks. The fact that these toys have been "out of circulation" for a time, adds new glamor in Judy's eyes and, I hope, inspires her to keep them in good condition.

Having moved hither and yon from apartments to houses, but never having owned our own place, I have had a varied experience with medicine chests and I have never encountered one that entirely met my needs. Last Christmas Alec bought one for me (Yes, m'dear, actually *bought* it although it could be made). In reality it is a kitchen cabinet, but I have found it useful in every way. It is about four feet high, eighteen inches wide, and fifteen inches deep and is equipped in the lower section with three drawers. One of these I use for our hot water bottle and ice bag, the next one for Judy's bathroom equipment (powder, safety pins, face cloths, cotton, vaseline, salves, etc.), and the third drawer, which is shallow, holds bandage, cotton, scissors, pins, salve for burns, and adhesive tape. Concealed over the drawers is a board which may be pulled out to hold any working equipment that you may need to bathe a baby or dress a wound. The top is a cabinet with two shelves which are sufficiently high to hold tall bottles of an antiseptic or mouthwash. I have found enough solid comfort in this chest to pay for it many times and when Judy was tiny it was a real blessing in disguise.

We are still enjoying the butternuts you sent last fall. They make such delicious cookies.

Devotedly,

LIB

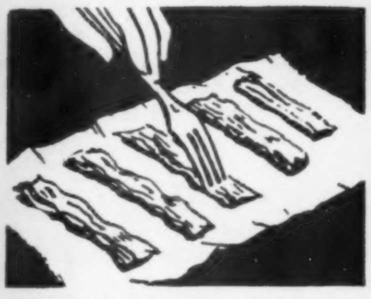


*Cobbler's Bench*

# Kitchen Towels — *a penny a dozen*

**ScotTowels**
**2 large rolls—25¢**

**Ivory or Green Fixture—25¢**



**DRAINING FOODS**—ScotTowels are more sanitary and absorbent than ordinary paper for draining fried foods.

**WIPING STOVES**—Whisk off burnt food with a clean ScotTowel. So quick, so much easier on your hands than kitchen rags.

**POLISHING GLASS**—ScotTowels leave glassware bright and shining. Fine for polishing mirrors and windowpanes.

## Always Clean and Fresh—ready when you need one

THINK OF IT! 300 (2 rolls) of these pure white, soft and absorbent paper towels cost but 25¢! Actually only a penny a dozen!

A greasy pan to wipe . . . lettuce to drain . . . something spilled on the table . . . glass to polish . . . hands to dry—just whisk a ScotTowel off the neat white roll. Use it. Throw it away. Nothing to wash or rinse out afterward.

Made of "thirsty fibre," an exclusive Scott Paper Company development, these handy ScotTowels are soft and highly absorbent. They take up an enormous quantity of moisture and really dry. Put a roll in your kitchen—today.

You'll find ScotTowels on sale at grocery, drug and department stores. Or write Scott Paper Co., Chester, Pa.

(This offer applies only to the U. S., its insular possessions and Canada.)

ScotTowels
FOR KITCHEN USE
Tested and Approved
Good Housekeeping Institute

**150 towels per roll**

## INTRODUCTORY OFFER

**SCOTT PAPER COMPANY, CHESTER, PA.**

If your dealer does not sell ScotTowels, send us 50¢ (money or stamps) and you will receive postage paid—
**2 ROLLS OF SCOTTOWELS, AND 1 ENAMELED FIXTURE, or SEND $1.00 FOR 6 ROLLS AND ONE FIXTURE**

Check color of towel fixture desired: ☐ ivory ☐ pale green

Name____________________

Address____________________

Dealer's Name and Address____________________

A4-36

• *"Listen—you're my twin and best pal—but it'll be a cold day when I go traveling with you again! Crab—whine—boo-hoo . . . all the way home! I know what you need though—watch me unpack our suitcase and get it!"*

• *"Now stop your whimpering! I know you're chafed and hot and cranky—I don't feel any too comfortable myself. I am hurrying, aren't I? I'll find it if I have to dig clear through to China!"*

• *"There you are! Now will you take back what you said about me? Sprinkle yourself with that soft downy Johnson's Baby Powder and smile for a change. And then give some to Sister!"*

• • •

Johnson's
Baby
Powder
Johnson & Johnson
Borated Talcum

• *"I'm Johnson's Baby Powder—I'll defend your baby's skin from chafes and rashes . . . I'll keep it soft and satin-smooth—I'm that way myself! No gritty particles in me as in some powders—and no orris-root. I'm made of the purest, finest Italian talc. (Your baby will like Johnson's Baby Soap, Baby Cream, and Baby Oil, too!)"*

Johnson & Johnson
NEW BRUNSWICK · NEW JERSEY

# PARENTS—*Take Heed!*

MANY hundreds of books pass over our desk for review and, while we like to review them, space often crowds them out until they are no longer "news." However, these listed below were specially requested, for we felt they filled very special needs—for both parents and our young moderns. Our reviews are necessarily brief, but each carries a very special urge to go into your nearest bookshop and look at them yourself. They are really books for your children—but they take as many problems off your shoulders as they will from those of your children.

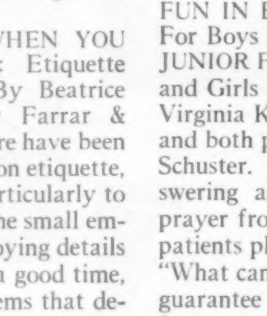
THE RIGHT THING: How to be decent though modern. By William O. Stevens, published by Dodd Mead ($1.50). With frankness and sincerity the author talks to the modern boy on the subject of morals. Sportsmanship, Honesty, Smoking, Drinking, Sex, Loyalty—these and many other subjects are discussed as man to man. Recognizing the fact that the present generation of young people cannot be appealed to entirely on the old sanctions of the church or family, but demand to be "shown," he makes what is usually a deadly subject really interesting. The style is light and colloquial. Your boy will read it and absorb it—and you should see that he gets it!

IT'S MORE FUN WHEN YOU KNOW THE RULES: Etiquette problems for girls. By Beatrice Pierce, published by Farrar & Rinehart ($1.75). There have been plenty of adult books on etiquette, but none addressed particularly to girls. Understanding the small embarrassments and annoying details that so often hamper a good time, she solves those problems that destroy their cherished poise. The all-important question of refreshments, how not to be a wallflower, week-ending at college, good manners at school—and even some sound advice on some little courtesies to practice at home and getting along with one's sister! A book as gay as a football week-end, and will be read because it is also as exciting as a new hat. Need we urge it for your daughter?

GOOD MANNERS. By Beth Bailey McLean, published by Manual Arts Press ($1.00). Not quite the same gay book as the one above, but carefully indexed for all those who seek proper etiquette for every occasion. Chapters on being a house guest, on having a house guest, going to teas and dances, behavior in public places, and letter writing. And again, a helpful chapter on good manners at home!

PERSONALITY PREFERRED: How to grow up gracefully. By Elizabeth Woodward, published by Harpers ($1.50). Four hundred thousand girls have written to Elizabeth Woodward, so certainly she must know what they want and what they need. She asks them how they look—a halo or a hank of hair . . . war paint . . . adorable or striking. She asks them how they act—meeting people . . . at a dance . . . at the movies and on the street . . . in a rumble seat. Going blind, ditto dates, date doin's, gang gatherings. What do they talk about . . . on the phone . . . on the dance floor. And a very special heading "Any girl can kiss, but . . ." If all these things have "floored" you why not just put this in your daughter's hands? Miss Woodward will probably do a better job at answering all these things, anyhow.

FUN IN BED FOR CHILDREN: For Boys and Girls from 6 to 10. JUNIOR FUN IN BED: For Boys and Girls from 10 to 13. Both by Virginia Kirkus and Frank Scully, and both published by Simon and Schuster. Not etiquette, but answering another equally fervent prayer from parents—when small patients ply one with the question "What can I do now?" Both books guarantee to provide amusement from sun-up to bedtime. Both answer the question in the most pleasant way possible, for the child and for the parents or nurse. A great many pictures and drawings, some for visiting hours, games they can play while flat on their backs and just as much fun when they are up and about again. Stories, magic stunts, puzzles, and riddles. In short, two logical answers to two S. O. S. calls—one that of the child, the other the plea of parents at their wits' end seeking diversions for small patients



# Does Your Mattress Fit.. *Your Tired Spot?*

*No matter where your body tires most the Beautyrest's* **FLOATING ACTION** *fits and rests that Tired Spot*

**Check THESE QUESTIONS**

| | YES | NO |
|---|---|---|
| Do you wake up feeling tired? | ☐ | ☐ |
| When you lie on your back, is there a hollow under the small of your back? | ☐ | ☐ |
| When you lie on your side, does your mattress fail to fit hips and shoulders? | ☐ | ☐ |
| Does your body roll into the middle of the mattress? | ☐ | ☐ |
| Do you wake up feeling you've not had enough refreshing sleep? | ☐ | ☐ |

**1 Yes** proves you are probably sleeping on the *Wrong Mattress!*

EVERYONE has a tired spot . . . Some part of the body that tires first and most . . . The small of your back . . . Or right between your shoulder blades . . . The base of your neck—Nothing wrong, just tired.

Orthopedists tell us these tired spots are caused by *tense muscles*. And the simple answer is:—*Take the strain off those muscles!*

The time to do that is *at night*—When you drop into bed just aching from fatigue, your mattress must *fit!* . . . Fit into every curve of your body—So your spine can take its normal curve. And every tense muscle *let go!*

*Why some Mattresses make you Wake up Tired*

Just check the questions to the left. Find out where your mattress is failing you—Why you sometimes wake up still tired—even cramped and aching.

If your mattress is too hard, it holds your spine rigid—even sets up new strains. If it is too soft, the spine sags—again new muscle strains—strains you would feel in a hammock. The same if your mattress is lumpy . . . or sagging.

But the Beautyrest's "Floating Action" takes every strain off your spine. This scientifically built mattress actually *floats up* into every curve of your body—Rests and supports tired hollow spots. Cradles shoulders and hips. Never resists.

Its 837 coils of finely tempered steel, buried between layers of softest cotton, make this possible. Close together—the right size and shape—each separately covered—each ingeniously linked to the others—All scientifically worked out to allow easy adjustment to your body—no matter what position you take.

Beautyrest owners recently checked said they sleep better, wake up more fully rested, feel better in general since sleeping on the Beautyrest. See if *your* experience isn't the same!

*In Notable Homes . . .*

The Beautyrest is used in the most luxurious staterooms of the world's greatest liners—the Normandie, the new super-liner Queen Mary, which will make her maiden voyage on May 27 . . . and in world-famous hotels. It is in over two million American homes—great and small—You will always be proud of it and bless the day you bought it! Simmons Company, 222 North Bank Drive, Chicago. New York, San Francisco, Atlanta, Los Angeles, Dallas, Seattle, Kansas City.

**SIMMONS** *Beautyrest*

**WORLD'S LARGEST MAKERS OF BEDS • SPRINGS • MATTRESSES • STUDIO COUCHES • METAL FURNITURE**

MOTHS
BREED
IN
HIDDEN
PLACES

**Now Circle Tread Ozite Rug Cushions offer this INSURANCE against MOTH DAMAGE to the cushion**

**Would you knowingly buy at ANY price a rug pad that might serve as a breeding place for moths? Now genuine Circle Tread Ozite ends this danger—gives you an INSURED GUARANTY against moth damage to your rug cushions, backed by the FIREMAN'S FUND INSURANCE CO.**

**This Insured Guaranty is possible because of Ozite's *patented* moth-proofing process that actually KILLS moth worms. Only *genuine* Circle Tread Ozite is treated with this process—which is *permanently* effective!**

**To be safe from moth damage that might start in your rug cushions and spread through the house—be sure to get *genuine* Circle Tread Ozite. Easy to identify by the Circle Tread Design, and the Insured Guaranty that comes with every genuine Ozite cushion.**

**CIRCLE TREAD OZITE is the finest rug cushion made—softer than ever before because it's "Spring-felted"; its adhesive center prevents lumping; "Ozonizing" renders the cushion odorless. These features, and the Mothproof Guaranty, are found *only* in CIRCLE TREAD OZITE. Guaranteed to satisfy.**

*3 weights, in all sizes for rugs and carpets.*

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RUG CUSHION
*Look for the Circle Tread Design*

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Merchandise Mart, Chicago, Ill.
Please send me FREE sample of CIRCLE TREAD OZITE Rug Cushion—full details of your mothproof Insured Guaranty—and free booklet "Useful Facts About Care of Rugs."
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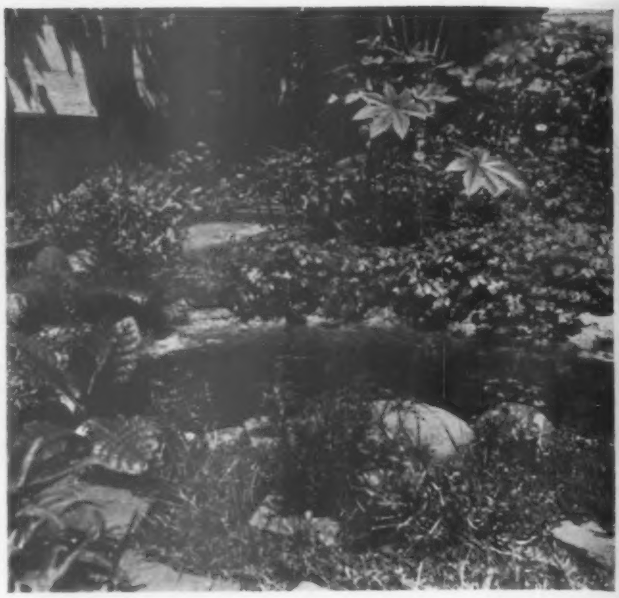


# *An apartment garden*

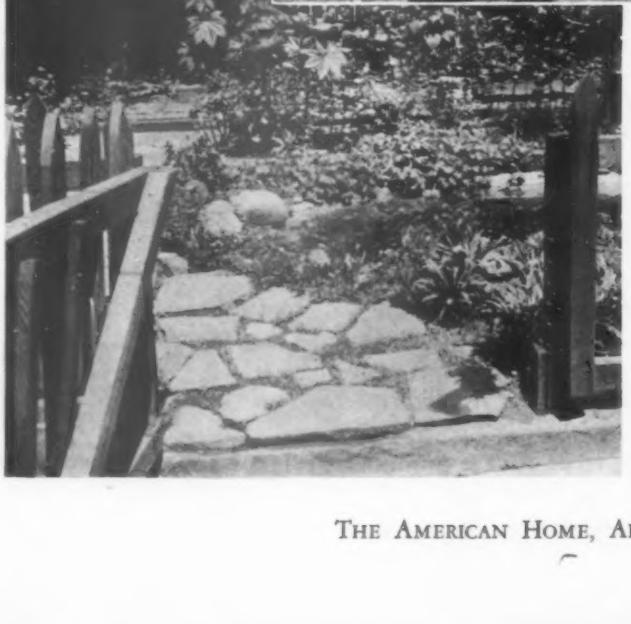
## CATHERINE CLEARY

AFTER weeks of walking up one street and down another, looking for the apparently impossible garden apartment that was within our means, we wearily climbed up the four flights of stairs to the hot-box we were then living in and decided, almost, to give up the ghost. Waves of heat rolled into the room mercilessly reflected from the brick wall outside.

Being average wage-earners with simple tastes, the picture of a New England salt-box cottage posed in a lush garden rampant with color and framed with the traditional white picket fence seemed to be one of those Utopian ideas impossible of translation into metropolitan terms. The more humid it became the more entrancing the dream. Talking over the places we'd looked at sifted down from the lovely formal gardens that were part of the lure of duplex apartments (whose rentals were more than our annual incomes), to the modest little patches of ce-

[*Please turn to page 64*]

A little pool, bulb bordered path—even a garden gate—have produced a delightfully unconventional garden that is as close to the New England dream as it is possible to get in New York



# *Gorham's Newest*

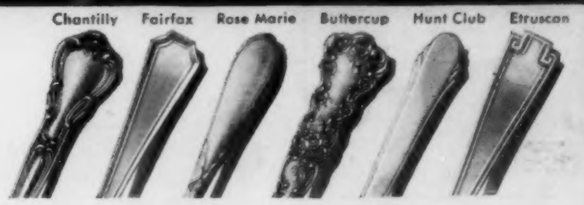
# Eventide

## *in Sterling*

• Eventide has those slim modern lines which lend so much charm to "little dinners." In more elaborate settings, its decorative motif gives it the distinction you want. • Modeled by gifted craftsmen, each piece has that perfection of weight and balance which makes it solely Gorham. • Start your Eventide set with a service for four or six persons. It can be added to, even one hundred years from now. • Your leading jeweler is showing Eventide, together with 27 long-loved Gorham patterns. The Gorham Company, Providence, R. I. . . . since 1831.

**A PATTERN RICH AND FORMAL—WITH DISTINCTLY MODERN LINES**

**GORHAM** *Sterling*

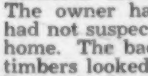


DAMAGED by TERMITES

IS THIS
GOING ON UNDER
YOUR HOUSE
?

The above picture was taken under a house only seven years old. The costly damage shown IS NOT ROT. It is the secret work of *termites*, tiny wood-eating insects which are today damaging homes and buildings in every state. Of course, termites don't work out in the open where you can see them. All the damage pictured above was done underneath the floors, *inside the wood*. The owner had never seen termites; had not suspected their presence in his home. The badly damaged supporting timbers looked perfectly sound until a Terminix Inspector sunk his hammer into the wood, uncovering termites and their hidden destruction.

What about your own property? Although outwardly in perfect condition, it may secretly be infested with hordes of destructive termites.



TWO WAYS TO DISCOVER TERMITES

**WINGED TERMITES**—Once or twice each year reproductive termites ("swarmers") fly into the open for a few hours. This is the way termites start new colonies. If you see these winged insects around your property, you have a definite indication that a termite colony is working nearby. This is a warning to call in a Terminix Inspector—that colony might be under your building.

**INSPECTION SERVICE**—The one certain method of learning whether termites are in your property is to fill in the coupon below and ask for a free Terminix Inspection. A Terminix Inspector can locate termite infestation, and show you the damage if any is found. This inspection service is available throughout the country, and is absolutely free. Over 250,000 property owners have used this valuable service.

**Terminix was developed by E. L. Bruce Co., the world's largest maker of hardwood floorings. This time-tested chemical has been used to insulate more than 21,000 homes and buildings against termite attack. No matter where your property is located, 5-Year Guaranteed Terminix Service is readily available through the world's largest termite control organization.**

**TERMINIX**
**PROTECTS PROPERTY AGAINST TERMITES**

*Free* INSPECTION COUPON

**E. L. BRUCE CO.** Memphis, Tenn.
☐ Please inspect my property and advise me whether you find termites or termite damage.
☐ Please send me free literature on termites and termite damage.
(AH-4)
_______________
_______________

# *Dollar Ideas*

NOTE: We are desirous of publishing the useful dollar ideas submitted by readers just as quickly as space will permit. But, due to the great number on hand, we must request that no more ideas be submitted until the supply has been used up, when we shall publish a request for more. We cannot enter into correspondence regarding material submitted, nor can we return any rejected copy.

### *Towel Self-Service*

Tack a strong cord or wire half way up the door frame leading into the basement and half way up on the post at the bottom of the steps, have the cord tight. Put all damp towels, clothes, etc. over this cord at the top and they will slide to the bottom where they can dry, saving many steps. MRS. R. B. GILMOUR, Sioux City, Iowa

### *Furniture Oil on Enamel*

My kitchen cabinet and broom closet must be scrubbed weekly to remove the dirt and grease accumulations. The baked enamel had become dull and lifeless from these scrubbings.

A month ago, I rubbed the enamel with furniture oil (the same oil that I use on my mahogany bookcase). The gloss, the life of the enamel, has returned. Now, each time the cabinets are washed, they are also polished. Nor with this film of oil does the enamel collect the dirt any more rapidly than before. MRS. N. DANIELS, New York City.

### *No Unsightly Wet Rag*

After using a cloth, that soon became rags, to polish my steel knives and forks I happened to try a cork that came from a "spring-water" bottle—any large cork will do. Just wet the cork and dip it in the scouring powder and rub on the steel of the knives and forks. It polishes quickly and the cork edge gets between the tines of the fork better than a cloth. When through rinse cork off with clear water and place on top of the scouring box, and no unsightly wet rags are around. ANNA E. BAUMAN, New York, N. Y.

### *Mending Aluminum*

To mend aluminum, place article on hard smooth surface and hammer until the hole disappears. MRS. T. P. CUNNINGHAM, Killen, Ala.

### *Cleaning Small Necks*

There is an easy way, not generally known, of cleaning decanters or bottles with small necks. Peel and cut a raw potato into small pieces, put them into the decanter with some warm water, and shake it vigorously up and down. Soon the glass will shine like crystal; then empty out the potato and rinse with cold water. MILDRED LOVECCHIO, Yonkers, N. Y.

### *Cleaning an Eggbeater*

If, after using an eggbeater for any purpose, it is cleaned under the cold water faucet immediately, given a few quick turns, and then put on the stove to dry, a good many minutes will be saved. I have watched so many housekeepers working over a dried eggbeater, that I'm sure this simple way of cleaning it is not generally known. MRS. ERNEST A. STONE, Dolgeville, New York.

### *Cleaning Sandwich Toasters*

After I have used the sandwich toaster I put a wet cloth on the grids while they are still warm and then it is very easy to clean them. Formerly I waited until they were entirely cold to clean them and then it took nearly an hour. MRS. M. K. WHITMIRE, Orangeville, Pa.

### *Handy Article in Kitchen or Pantry*

Hang an ordinary tin funnel in your kitchen or pantry. Place a ball of string in top and draw string through the small end. String is always handy when needed. MRS. FRANK J. NISSEN, Port Clinton, Ohio

### *Square Biscuits*

When making baking powder biscuits, roll out the biscuit dough in a square or oblong shape. Cut into squares with a knife. If this method is used, there will be no scraps of dough left to be rolled out again, and the biscuits are very clever looking as well as time-saving. ARLENE C. MATTSON, Whitehall, Wisc.

### *Ginger and Veal*

To assure a delicious brown crust on a veal roast, rub the roast lightly with salt, and a very fine coating of ginger before putting into the oven; no ginger taste will be perceptible, but the roast will have a better flavor. For a pork roast use sugar instead of ginger. MISS ELSA KRAUCH, Minneapolis, Minnesota.

### *Better Looking Meat Loaves*

When you make a meat or fish loaf, try putting it in muffin tins. It will bake quicker and looks much prettier than a loaf. MRS. JOHN BAIN, Chicago, Ill.

### *Overly Salted Food*

If the food has been salted too much, stretch a fairly wet cloth tightly over the top of the cooking dish or pan containing the food. Sprinkle a small quantity of white flour over the cloth. Let this stand for a few minutes. ELLA MAY KELLY, Uniontown, Penna.

### *Bread Too Fresh?*

If your bread for sandwiches is too fresh to slice easily place it in the refrigerator to get thoroughly cold. This will harden it just enough to make thin slicing possible. MRS. CHRISTINE P. HORNE, Lynn, Mass.

### *When Making Butterscotch Pie*

Try adding one tablespoonful of molasses to the rule. This will enrich the color of the filling, and the molasses will blend with the sugar, butter, and vanilla, giving the pie a real butterscotch candy flavor. MRS. S. M. LYNCH, Easthampton, Massachusetts

### *Save the Parings*

When paring apples for table use first wash them. Save peelings and cores cooking them in separate pan. They contain most of the pectin or jellying substance as well as the color. Pour the juice thus obtained over the apples instead of an equal amount of just hot water. Both flavor and color are greatly improved. MRS. A. A. MARRS, Kansas City, Mo.

### *Piquancy for Salads*

Try adding a boiled sweet potato put through a sieve to your salad dressing, especially for

[*Please turn to page 89*]

# From barn to summer hide-out

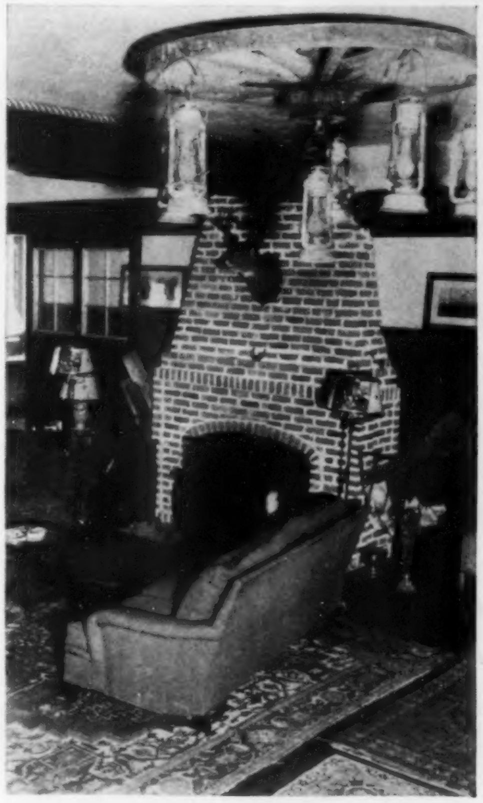
KATHRYN E. RITCHIE

To have your large white-pillared summer home burn completely to the ground one night is a tragedy, but to have a spacious barn into which you can move and which proves eventually a more delightful home than the white-pillared house is a piece of extraordinary good luck.

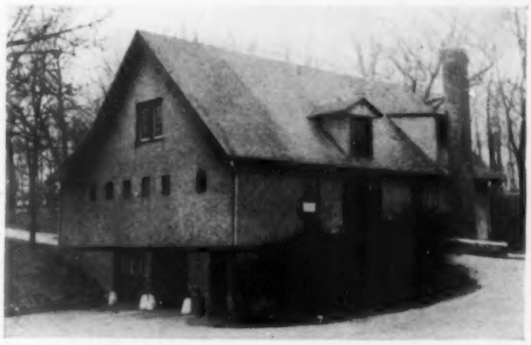
Dr. and Mrs. H. S. Warren of Chicago were the owners of the house which burned and the barn into which they could move, both of which stood on the shore of Lake Geneva, Wisconsin. Mayo and Mayo, Inc., were the architects who saw the possibilities in the cobwebby old stable and transformed it into a delightful summer hide-out for the Warren family.

These spacious barns of a generation or two ago have much to recommend them architecturally for homes. Their lines are usually simple and good, and they are well and sturdily built. They have, moreover, a certain mellowness of atmosphere and are conducive to that informality of life which city people find so restful when they go to the country for the summer. The Warren barn had been long unused. In the basement there stood an array of quaint old vehicles—a phaeton, a surrey, a Stanhope, a dog-cart, and a Victoria. These have never been removed from the premises and are today objects of unusual interest, carrying the imagination back to those picturesque days of horse-drawn vehicles.

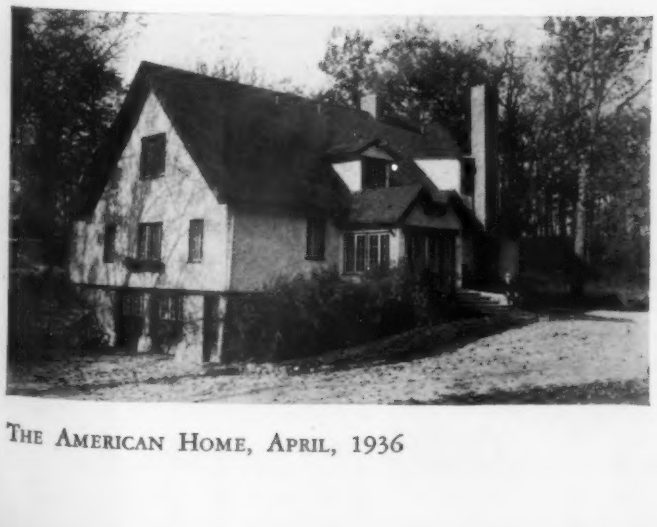
The ground floor space of the barn consisted of a row of box stalls along one end, harness and carriage rooms along the other, and a large open space in the center for harnessing and hitching. Upstairs there were great haylofts and coachmen's quarters.



The living room has a unique lighting fixture



At right, the old barn and, below, after it became our summer hide-out



In remodeling, no attempt was made to change the original character of the structure. The old haylofts were converted into bedrooms and baths, the harness and carriage rooms into a dining room, butler's pantry, kitchen, and servants' dining room, while the box stalls, with the exception of one which is today used as a card room, were removed and their space utilized for a staircase, two bedrooms and a shower.

The large living room is, of course, the focal point of interest, being dominated by a huge brick fireplace and an enormous hand-hewn beam across the center of the ceiling. The lighting fixtures consist of wagon wheels from which stable lanterns hang. Hay-racks on either side of the fireplace hold logs and kindling.

The barny atmosphere has been carried out further in the chintz window hangings which have a pattern of prancing steeds, in the pieces of harness and gleaming bits and bridles hanging about here and there, and in curious old horsey prints on the walls. Oriental rugs, couches on either side of the fireplace, a grand piano, make the room comfortable in winter as well as summer, and the presence of skates, skiis, and snow-shoes tell their own story of vigorous outdoor life in the country when the snow is on the ground.

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Not an imitation, but a true reproduction of wood panels carefully selected for their graining and beauty. Can be shellacked and waxed or varnished, or left as it is with its factory-applied lacquer finish. Attractive, practical, economical. Its core of fireproof Gypsum adds valuable protection to wood framework, That is why we say "When You Build with Wood, Protect with Gypsum."

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the water's fine!"

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HOT water, cleaner and more healthful, because it is *free from rust*... that is what a tank of durable, rustless Everdur Metal means to your family and to yourself. And beyond that, when you install an Everdur Tank, you're forever through with rust-repair bills, as far as your water heater is concerned.

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A storage tank of sturdy Everdur Metal costs more than the ordinary rustable kind. But in long life, in dependable service, in the additional comfort and convenience it gives you... an Everdur Tank more than pays for itself.

THE AMERICAN BRASS CO.
General Offices:
Waterbury, Connecticut

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## Mr. Godey's lady editor

[*Continued from page 37*]

man who had owned a news-stand and a book shop and who longed to become a publisher. Mr. Godey was not an editor but he was a good business man and his Lady's Book and Magazine was making a place in America. This was before the days of copyright laws and an owner of a magazine could clip and even steal the work of anyone who wrote. Mr. Godey used mostly English material and gave his readers lots of chatter and pictures. In later years he bought and paid well for American writing.

Mr. Godey was carefully watching Mrs. Hale's work in her competing magazine in Boston. His one idea was to own that magazine and to combine it with his Lady's Book. He worked skillfully and used the weapon that has usually worked in any century, flattery. Hardly a month passed without some reference to the "accomplished lady editress in Boston." The climax came when he published a poem written by Mrs. Hale's fourteen-year-old son who he said "had inherited his mother's talents." Apparently Mrs. Hale's one vulnerable spot was her children. In the December issue of Godey's Lady's Book Mr. Godey announced that Mrs. Hale would now edit his magazine and it would be combined with the American Lady's Magazine. Thus began a new and eventful era that was to last for forty years.

Mr. Godey was willing to let Mrs. Hale run his magazine as she liked but it was he who always kept an ear to the pulse of business. It was Mr. Godey who had a page in the back of the book that he called the "Arm Chair" and from which he praised himself, Mrs. Hale, the magazine and nearly everything from pens to schools. It was Mr. Godey who saw that the magazine had the best pictures and he was proud of his engravings and fashion plates and he told his readers that he was. His next issue was always the "best."

While Mr. Godey was keeping his public informed about the material things of life Mrs. Hale was going serenely on her way with her public's education. She taught her readers to sew and gave them patterns for knitting, clothes, and wax flowers. She gave them poems, philosophy, and religion and told them to be good wives and mothers. Mrs. Hale expected every woman to do her duty and be a lady and it was not her fault if they did not profit from her teachings.

Home and the family were her religion. She published pictures of houses and the plans to use for building them. Old issues of Godey's Lady's Book show hundreds of plans for houses, mostly in the American Gothic style. These houses appear ugly to us today but it was the beginning of the housing problem made easy and it was a step in the right direction, the ownership of homes.

Running a magazine in the early nineteenth century had its problems. Even the mails were badly organized. Sometimes readers in distant places did not receive their winter issues until spring because of bad roads. The subscribers paid the postage on the magazine and Mr. Godey kept adding pages and the price of the postage went up accordingly. Naturally the readers wrote in protest. Again Mr. Godey would write from his "Arm Chair" and tell them to be patient. He was sure, he said, that when they saw the pictures and reading matter in the next issue they would be only too glad to pay the extra postage. He had unusual power of persuasion it seems, because the magazine subscriptions increased each year, gaining a hundred thousand readers in ten years and just before the Civil War there were more than a hundred and fifty thousand subscribers.

The watchword of Godey's Lady's Book was tact. Mr. Godey combined tact and business and Mrs. Hale had tact and the power to educate women and make them like it. The magazine fast became the outstanding magazine in the country for women and no competitor ever surpassed it.

Mrs. Hale began her crusading in Boston. In 1825 the cornerstone for Bunker Hill Monument was laid by Lafayette. In 1840 it had not been finished because of lack of funds and public indifference. This was a man's enterprise and they had not done so well with it. At least that is what Mrs. Hale thought. She began stirring editorials in her Boston magazine in 1830. She appealed to the women of the country for funds. She believed in women if the men did not or if they did not believe in themselves. Even today her idea of getting money from women at a time when they rarely had any seems a bit futile. But Mrs. Hale never let one of her ideas go untried. For fifteen years she kept appealing to the women readers through editorials, verses, and meetings. When she went to Philadelphia and had even a wider circle of readers who kept up her pleas.

In 1840 she had a better idea. This was something definite. She suggested that the women hold a bazaar in Boston, sell their handiwork and thus raise funds to complete the beloved monument. Again she got what she wanted and after two months of prepara-

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Up in favor • Down in price

STERLING is appearing now on every well-dressed table. Bride and hostess no longer need sigh in vain for lovely sterling, for it has come down in price. *Silver that you'll be proud of always is within easy reach:*

International Sterling's glorious patterns are in great demand wherever women appreciate true fineness of design and workmanship. For this is silver that has no fear of the fickleness of fashion. It can only grow more dear as the years go by.

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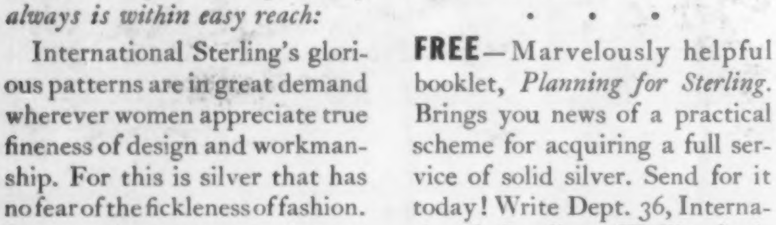


• Eleven silver beauties from traditional and modern schools of design. Above—*Springtime, Orchid, Pine Tree, Continental, 1810.* Below—*Empress, Fontaine, Trousseau, Primrose and Simplicity.*

tion the women opened their fair in Quincy Hall, Boston, and sold all kinds of fancy work, probably also suggested by Mrs. Hale in her magazine. The sale lasted seven days and more than thirty thousand dollars was raised for the monument fund. Again Mrs. Hale had put the men to test and many public spirited citizens subscribed to make the necessary total. Today this monument stands on the site of the Battle of Bunker Hill in Charlestown, Mass., a monument both to a battle of the Revolution and to Mrs. Hale.

The early widowhood and the struggle that followed left a deep impression on Mrs. Hale. It gave her a strong sympathy for women and children. She interested herself in everything pertaining to the needs of those who had to work or those who were left without support. She saw the misery of families whose fathers went to sea. Often they were gone for years and left their families in destitution. Mrs. Hale knew what it was to be dependent and she did not want others to know the curse of it. She interested people in the need of industrial schools and free libraries so that every one could get an education. She fought for everything she believed was good and always for the right for women and children to have a happier and more secure life. The work that she started in Boston she carried on in a larger degree for the whole country. She had vision at a time when women did not have it and few men did. Her magazine gave her the chance to reach many people and she hammered her ideas for years if it was necessary. She had courage, patience, and belief in herself and the human race. It is hard to belive that the sweet-faced Mrs. Hale had such force when you examine her picture but she was made of stern stuff and she knew how to use her powers.

Mrs. Hale was fastidious. She taught her readers to make the most of themselves. She was always impressing upon them to take care of their personal appearance and their homes. She told them how to care for their skin, the kind of cloth to use for their clothing and what to wear for all occasions. She told them the kind of scents to use and how to make creams and lotions for the skin. She also told them what kind of foods pleased their husbands and in one issue gave no less than fifteen recipes for plum pudding. A New Englander by birth she knew good food and how far it went toward making a happy home. Year after year she gave her readers all that was needed to make them beautiful and useful. What more could any woman do? Mrs. Hale's influence on the life in nineteenth century America was probably as great as that of Queen Victoria on the women of England and she too had a long reign.

There is an interesting study in the fashion plates that were published in Godey's Lady's Book. These were Mr. Godey's pride and joy and he spent money and time perfecting them. Mrs. Hale wrote that she was glad her readers liked the plates because they gave employment to many women. Mr. Godey wrote that he never spared expense to give his readers the best and latest fashions. The readers must have liked the colored plates because they increased from one page to many pages in the course of years and got more elaborate.

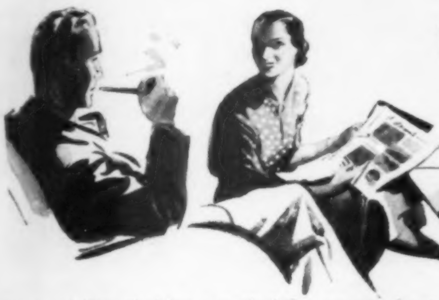
The history of America may be seen in these fashion plates. As the country became more prosperous the fashions became more elegant. The period preceding the Civil War was elegance at its best—or worst. Yards of material and hours of handwork were necessary to make one of the gowns shown in Mr. Godey's plates. Even the children were expensively dressed. We often wonder if there were no poor people in those days. Examine one of the plates captioned "Morning Dress" and compare it with morning dresses worn by modern women.

George Washington issued the first Thanksgiving Day Proclamation in 1789. The Pilgrims had held their day of thanks in 1621 and there had been days of thanks in many communities on some autumn day after that. But no national observance had been thought of until Washington wrote his famous proclamation. From 1789 until 1863 there was no national holiday for thanksgiving. But Mrs. Hale saw to that also. She used her magazine to tell her readers the need of such a day. She began her editorials on the subject in 1846 and she kept them up until she finally persuaded Abraham Lincoln that she was right in 1863. Mrs. Hale was eloquent in person and on paper. She had written to every president from Fillmore on but had had no satisfaction. The 1860's were troublous times. She knew when to appeal to Mr. Lincoln because this was a time when the nation should think as one unit. She wrote a letter to President Lincoln and a few days later received one from his secretary, Mr. Seward, saying that the President was considering her idea for a national day of thanks. Four days later on October 3, 1863 Lincoln sent out the first National Thanksgiving Proclamation since that of Washington. It is a stirring bit of writing and well worth reading every year. No president has ever improved upon it. Thus began the Thanksgiving Day that

[*Please turn to page 77*]

# *The* ROOM RECIPE IDEA *at work for you!*

## The most practical plan since Eve set up housekeeping! To help you make your home more charming *for a little money.*



Janet and Jim Sheldon, married five years, plan to do over their home. Clever Janet reads in a magazine about Bigelow's helpful new Room Recipe idea.

❶ Jim dated Janet up for lunch next day and later they stopped in their favorite rug department for a free copy of "Bigelow's Folio of Room Recipes."

❷ Their store put the Room Recipe idea to work for the Sheldons by assembling for their approval the background ingredients called for by their recipe.

❸ Presto...the living-room of Janet and Jim Sheldon transformed at small cost! They followed "A Plan for the Room without a Fireplace," Problem 17.

STOP in at the rug department of your store tomorrow and ask for your free copy of "Bigelow's Folio of Room Recipes."

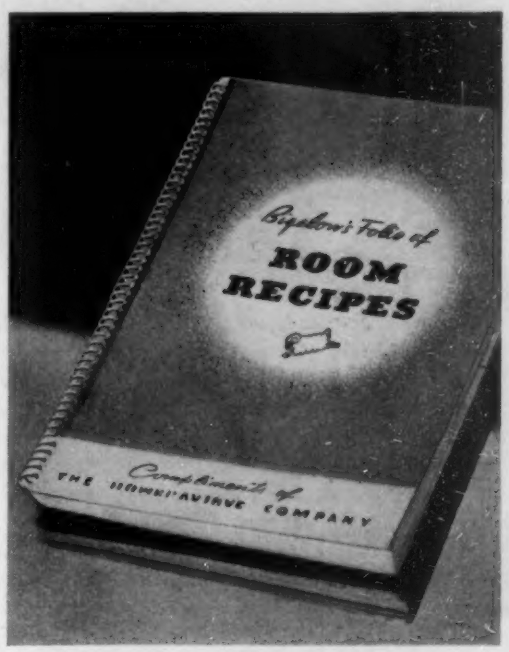
We've prepared these Recipes to help you furnish a home . . . to redecorate problem rooms . . . to crystalize your plans for making your home more attractive. We tell you, in directions as simple as a cook-book, how to combine ingredients for successful room decoration.

And in creating all these Room Recipes, we've been as budget-minded as a young housewife!

The pictures on this page show you how the Room Recipe idea helped two different families. See what wonders they accomplished with "Bigelow's Folio of Room Recipes" . . . then get *your* free copy!

❹ A Room Recipe for the dining-room, too . . . "How to Bring Warmth to a Dark, Cold Room." Janet's mother admires the Bigelow Sanforstan rug.

❺ For surprisingly little money, the Sheldons next "reciped" the nursery. Bigelow Shetland broadloom, used wall-to-wall, makes a warm play floor.



***Get your copy!*** **Here is the wonder book that helps improve your home for a little money, "Bigelow's Folio of Room-Recipes." Free in rug departments or send 10c to Bigelow-Sanford Carpet Co., Dept. 4A, 140 Madison Ave., New York, N.Y.**

❻ Bigelow's Room Recipe idea is contagious! Janet's parents, the Wentworths, got busy and created a dignified 18th Century living-room.

❼ And Dad has his own reading corner!

WOVEN BY THE BIGELOW WEAVERS

## RUGS & CARPETS BY THE BIGELOW WEAVERS

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HOW A MAN OF 40 CAN
RETIRE IN 15 YEARS

IT MAKES no difference if your carefully laid plans for saving have been upset during the past few years. It makes no difference if you are worth half as much today as you were.

Now, by merely following a simple, definite Retirement Income Plan, *you can arrange to quit work forever fifteen years from today with a monthly income guaranteed to you for life.*

Not only that, but if you should die *before* that time, we would pay your wife a monthly income as long as she lives. Or, if you should be totally disabled for six months or more, you would not be expected to pay any premiums that fall due while you were disabled, and you would receive a disability income besides!

**$250 a Month beginning at age 55**

Suppose you decide that you want to be able to retire on $250 a month beginning at age 55. Here is what you can get:

**1.** A check for $250 when you reach 55 and a check for $250 every month thereafter as long as you live.

This important benefit is available alone; but if you are insurable, your Plan can also include:

**2.** A life income for your wife if you die before age 55.

**3.** A monthly disability income for yourself if, before age 55, total disability stops your earning power for six months or more.

It sounds too good to be true. But it isn't. There are no "catches" in it, for the plan is guaranteed by an 85-year-old company with over half a billion dollars of insurance in force. If you want to retire some day and are willing to lay aside a portion of your income every month, you can have freedom from money worries and you can have all the joys of recreation or travel when the time comes at which every man wants them most.

The Plan is not limited to men of 40. You may be older or younger. The income is not limited to $250 a month. It can be more or less. And you can retire at any of the following ages you wish: 55, 60, 65, or 70.

How much does it cost? When we know your exact age, we shall be glad to tell you. In the long run, the Plan will probably cost nothing, because, in most cases, every cent and more comes back to you at retirement age.

Write your date of birth in the coupon below and mail it today. You will receive, without cost or obligation, a copy of the interesting illustrated booklet shown below. It tells all about the new Phoenix Mutual Retirement Income Plan and how it works. Send for your copy of the booklet now. The coupon is for your convenience.

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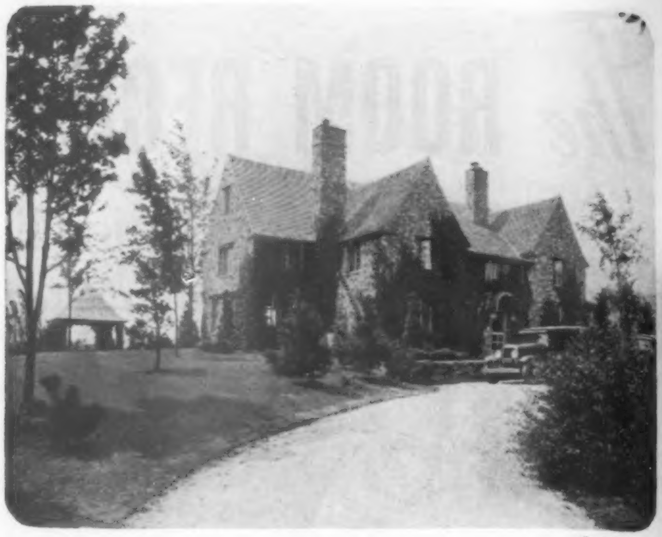


*Smith Bros.*

A combination of formal and naturalistic design. The suburban home of Mr. T. Glenn Phillips, Northville, Michigan, landscape architect and city planner

# *In landscaping your home consider simplicity and natural effects*

J. M. BENNETT

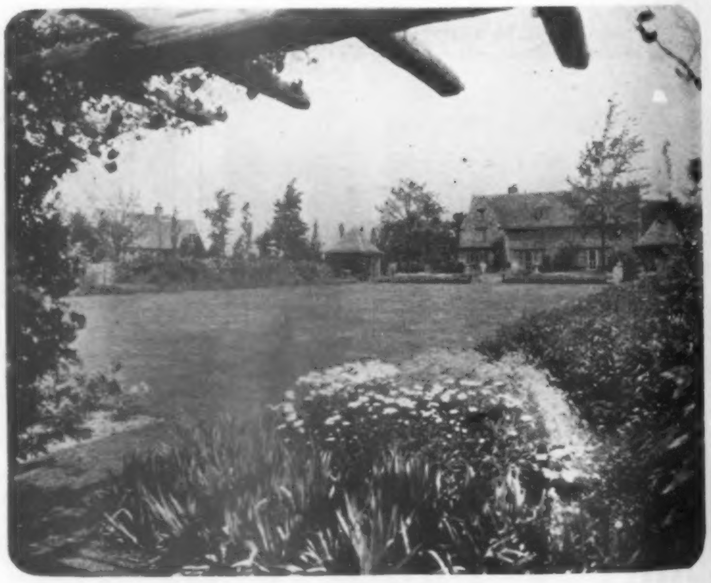
SIMPLE construction, natural planting, and a spaciousness in design add materially to the utility and appearance of the home and its surroundings. Unlimited plans may be made which embody these features in various ways.

Simplicity in garden design may be marked by the elimination of unnecessary construction, the absence of excess ornamentation, the proper use of ordinary materials, and the lack of intricate arrangement. A natural appearing grade with long, rolling, vertical curves is generally most desirable except in formal gardens. A considerable amount of grading may be avoided by taking advantage of the original ground level in such instances. Moreover, the top soil is left practically undisturbed which aids in preserving existing trees and shrubs.

Grass strip joints are more attractive than concrete joints i brick or flagstone walks becaus they appear in closer relation t the surrounding garden or law area. Dry stone walls, serving a rock gardens, may be built to form terraces or to mark the break between the natural ground level an the formal garden.

Shelters and tea houses need no be elaborate and often their roof may consist only of rustic rafter or timbers overgrown with Climbing Roses or other vines. Commo brick, native stone, and weathere

[*Please turn to page 100*



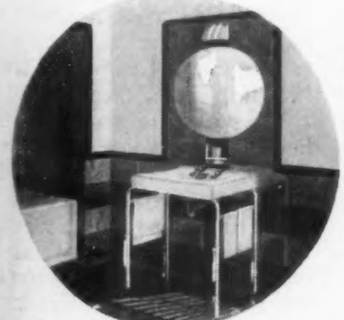
This view demonstrates the transition to the surrounding garden by means of the properly placed shelters near the house

# New homes ahead...

There is no word in our language that means quite so much to so many people as the one simple syllable "home". It is the basis of our whole social structure. And planning a new home, today, is once again as great an adventure as it was when that sea of white-capped covered wagons surged across the prairies. The fascination of new building materials and the new trends in architecture that they have been instrumental in creating exert as compelling an influence now as did the lure of blue horizons a hundred years ago.

The more generous use of glass, for example, brings new beauty and a stimulating air of distinction to even the most modest residence. Sunlight. Fresh air. Spaciousness. An atmosphere of graceful living. These are the fundamental elements of home. Glass enables everyone to have them.

And glass, despite its new importance, is but one of countless considerations in building that have changed radically within the past few years. That is why it is as unwise to start your journey new-homeward without an architect to guide you as it would have been for the early pioneers to venture into unknown lands without the guidance of a skilled and competent plainsman. When you take advantage of favorable building costs and improved economic conditions, remember that one of the most important elements of all is to RETAIN AN ARCHITECT.
Libbey-Owens-Ford Glass Company, Toledo.



**VITROLITE FOR BATHROOMS AND KITCHENS**
This colorful structural glass is available in sixteen striking colors. Will not dull with age. Surface will not check or craze. A damp cloth keeps it lustrous and beautiful.

**PICTURE WINDOWS**
In every home there is an ideal spot for a Picture Window, that generously proportioned expanse of Polished Plate Glass that frames your favorite view and makes it seem a part of the room.

**PLATE GLASS MIRRORS IN COLOR**
Introduce a new note into your decorative scheme. Reflect your furnishings with added richness and warmth. Deep or delicate blues. Peach. Green. Color is the crowning glory of glass.

LIBBEY-OWENS-FORD

Quality Glass

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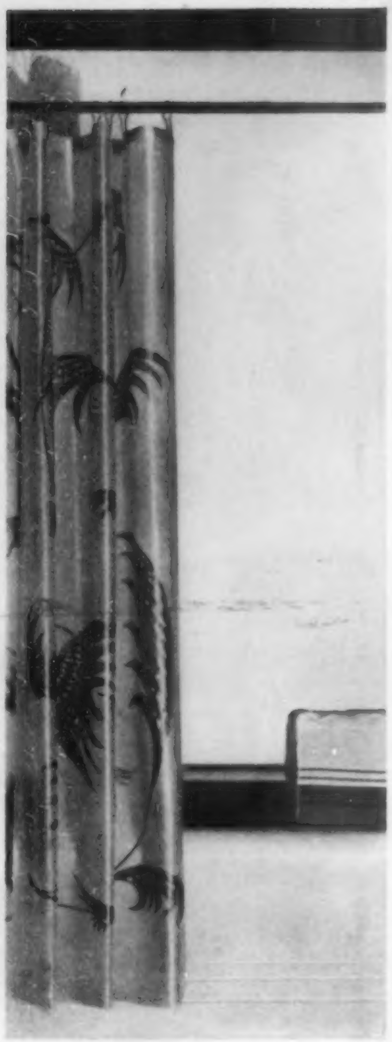


**Better ASK for "*Illusion"!**

**Bring the outdoors in! The colors that delight you in the garden, flower into indoor loveliness in these handsome Kleinert's Shower Curtains of "Illusion" – their specially processed transparent silk which NEVER sticks, splits, or peels. There are clear gay shades for rooms with figured walls, as well as smart designs to lend interest to plain color schemes—home decorators find Kleinert's Shower Curtains the easiest and most effective means of beautifying a new bathroom or rejuvenating an old one.**

Kleinert's
*T. M. Reg. U. S. Pat. Off.
**SHOWER CURTAINS**

Guaranteed by Good Housekeeping as advertised therein

## An apartment garden

[*Continued from page 54*]

ment bounded with half-inch borders of widely separated and defunct clumps of Pansies, said patch to be shared by two apartments. That, for us, was out of the question for three reasons, a wire-haired, a scottie, and a sealyham.

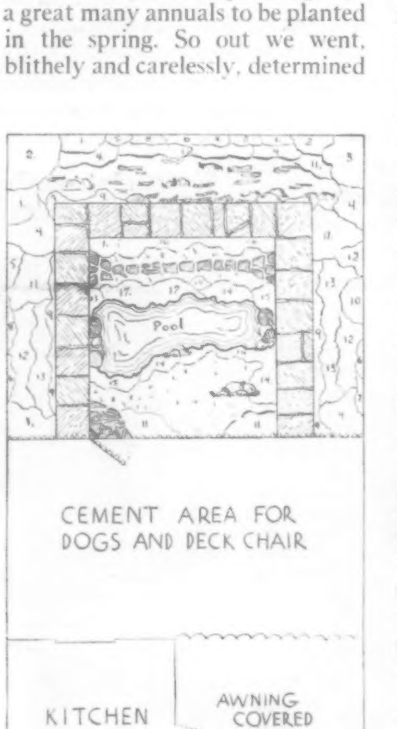
We decided to give the idea just one more chance because sturdy as our spirits had been they were beginning to match the worn condition of our pavement-pummeled feet. After deep consideration it was decided that as I had originated the idea in the first place it was up to me to make the final attempt. Faint-hearted as it was it produced the miracle! At least, to our jaundiced eyes, it looked like one; a ground-floor apartment complete with back porch and fairly good sized yard (called a garden by the landlord). There were no strings attached. The yard was for our sole use and the landlord thought the dogs were "cute." Looking, to the unprejudiced eye, like a typical New York backyard whose rectangle of pale hard earth vied in impenetrableness with the flagging that dissected it, to us it was the answer to both human and canine prayer.

Waiting for the first of October was pretty difficult. We were so filled with grand plans and ingenious ways of transforming that yard. Conversations inevitably focussed on the ultimate results. Voices dripped botanical syllables with the greatest of ease. What difference that most of those scientific terms were incorrectly pronounced. They sounded so enchanting. That the space to be worked with was only twenty feet wide and eighteen feet long, part of that taken up with flagged walks, never was considered. To hear us one would have thought that at least a third of Central Park had been turned over to us for landscaping.

Once having moved in, the purely practical side of the picture presented itself. We were merely renting this property and who could tell where we'd be next year. There was, of course, the possibility of our remaining, but the possibility of the rent being raised after we'd improved the property or one of us losing his job was just as apt to happen. Consequently, our very limited funds must be spread wisely but thinly so that we would have the maximum results for the following spring and summer. Long drawn out procedures and elaborate plans were out of the question. Pencils, paper, and a multitude of nursery catalogues brought about the final plan of using a few evergreens and flowering shrubs, bulbs for fall planting, and a great many annuals to be planted in the spring. So out we went, blithely and carelessly, determined to spend only so much and to have a full-fledged garden that looked as if it had been in existence for years!

We prowled around down-town nurseries spending twice as much as we'd planned, buying evergreens, a Persian Lilac, Azalea, Forsythia, bulbs, and several Daphne bushes. Back home to plant them and then some wholesale telephoning inviting people to "Come see our garden." They came, saw, and were impressed. So were we, especially as we found that a running patter of glowing description about the future glories was very adequate in covering the brown bare patches still most obvious. It got colder and colder and then the first snow changed our invitation to "You really must come and see our evergreens. They're simply darling against the snow!" And then it was spring. The evergreens were dead but we still hoped for the flowering shrubs to break into bud and the bulbs to push up through the earth. We waited and waited and so did everyone to whom we had bragged. But nothing appeared despite the fact that in the park things were happening that made us simply frantic with impatience. It ceased to be funny this non-appearance. Finally sheer rage drove me into the yard with a trowel. One after another those bulbs were dug up. Each was a rotting mass of sliminess. The air became blue and then clarified into a series of remembered pictures: how long the snow stayed in the garden; and after it had melted, what a long time it took for the water to disappear. As a matter of fact, there were weeks on end when there was a good inch of water over the entire yard. No wonder the evergreens and shrubs died and the bulbs rotted. Almost anything would rot if it sat in water all winter.

From that point on and for weeks to come I was submerged in literature. Although untold



*Key to Plan*

1. Castor Bean
2. Privet
3. Persian Lilac
4. Nicotiana
5. Gourds
6. Hyacinth-vine
7. Morning-glories
8. Moonflower
9. Petunia
10. Flowering Almond
11. Stock
12. Giant Zinnias
13. Dwarf Zinnias
14. Sedum
15. Evening Primrose
16. Daisies
17. Ipomoea hederacea
    Wild flowers and ferns in rock garden at back—3 foot slope

## An apartment garden

[Continued from page 64]

numbers of books and articles burned words of wisdom into my weary eyes I could find nothing that dealt primarily with city gardening. Maybe this was just another dream. Even so, the more I read and talked, the more enthusiastic we became. At least certain fundamentals must hold true in the city garden.

Starting from scratch that backyard "dirt" was transformed into "soil" by deep and hearty spading. This was done, not once that spring, but four times and, even then, a fifth spading might have been added. A bale of peat moss was worked in deeply, additional drainage conduits (a couple of lead pipes, remnants of a plumbing job) were added to supplement the single clogged one the yard boasted of; and re-working with a spade-fork things got under way. To off-set the acidity engendered by such generous use of peat moss and to counteract the sour condition of soil that had not been worked for years, a hundred pounds of chemically treated lime were thoroughly sifted into the earth. This treated lime is really marvelous in keeping the clayey soil loose and friable and actually does prevent the packing of the earth that is the outstanding characteristic of city soil.

While all of this spading and working was going on the idea of a pool was conceived. An uneven, naturalistic outline was dug allowing an additional six inches circumference for cementing. One end of the pool, to conserve labor was dug to a depth of but a foot and a half gradually sloping to the other end (designed for growing Waterlilies) a three-foot depth. Being informal the sides slope in gently thus making for easier cementing. The result of the excavation was a gargantuan pile of earth which offered difficulties. How to dispose of it? It was shovelled to the back and piled against the fence until inspiration solved the problem. Cementing the pool was relatively simple. During its excavation, enough broken bricks were dug up to reinforce the bottom and about two-thirds of the way up the sides. A heavy cement mixture composed of sand, gravel, cement, and water, was laid about two inches thick over the entire inside of the pool. While it was drying and setting the grocer's pushcart was borrowed and taken on a rock-gathering trip. Buildings were being torn down on the west side of town near the river. Four trips furnished enough rocks (not hunks of cement or broken tiles, but real rocks with considerable heft to them) and broken flags to complete the pool and make a rock garden out of the pile of earth at the back.

When the first coat of cement had dried, a very rich mixture, two thirds cement and one third sand, was trowelled on and lapped up over the edge. While still wet and workable, rocks were pushed into the edges at strategic points and bits of broken flag were inserted at the lip of the pool thus taking off the curse of a plain cemented edge. When the second coat had dried (a week was allowed for this), the pool was filled and allowed to ripen. The water was changed three times and that first changing pointed up the fact that no method of drainage had been executed. Baling got very tiresome after the sixty-fifth bucketful so the rest was siphoned off. The total expense of the pool was something under four dollars.

The planting of the garden, a matter of experimentation to find city-proof plants, developed quite a list of unexpected finds. Adhering to the original plan of concentrating on annuals, many of which are grown from seed, and interspersing them with proved perennials and transplanted wild flowers, which really do grow in this city yard, has achieved a delightfully unconventional and charming garden that is as close to the New England dream as it is possible to get in New York City.

And how do the dogs like it? Their energy and resourcefulness in assisting the excavation proved the lure of the soil in no uncertain manner. The only answer was to have a fence which, of course, meant a picket fence. We built one straight across the garden from side fence to side fence, putting a swinging gate at the left side for entrance to the garden. The idea of painting it white was most intriguing but then the thought occurred that one would, in such a limited area, see nothing but white fence and no garden beyond. So, it was allowed to weather and now, after the first glance, one is hardly conscious of it. But to the dogs it's a different and sadder story.

Transforming a yard into a garden is a relatively inexpensive procedure. Ten dollars worth of planned buying coupled with energy, attention and patience will produce a garden that is a constant source of delight as well as of cut flowers all summer. The only drawback to a city garden is that it requires such stern self-control. With each successful plant experiment larger and rosier horticultural dreams take shape and during the winter you thumb through catalogue after catalogue wishing that you really did have a third of Central Park to play with.

### *City-proof plants for the amateur*

#### VINES FROM SEED

Hyacinth-vine. Small delicate flowers like miniature Sweet-peas, slightly fragrant. White and mauve tones. Exquisite, when planted with

Heavenly Blue Morning Glories, which have large pale indigo cups that are startlingly lovely. Most profuse bloomer.

Moonflower. Flowers open only at night with great waxy white wheels of bloom held far out from the rich dark green leaves. The most divine perfume, subtle and faint.

Gourds. Need curbing else they'll visit your neighbors' two gardens down the line. Great yellow squash-like flowers that become fascinating and oddly shaped fruits giddily striped. Grand in bowls in the house during the winter.

Cardinal-vine. Lacy foliage with small brilliant crimson flowers. These vines all grew to the top of our rather high fence and spilled over into the yards on either side and behind us. In fact the Gourds and Moonflower climbed up the Catalpa trees in the next yard.

#### PLANTS FROM SEED

Castor Bean. Achieves a very lush tropical effect. About five to six feet high. Massed at corners they make very effective backgrounds.

Petunia. Balcony type in purple, majenta and white; and Rosy Dawn.

Nicotiana. White and dusty-rose tones. Rank growers and should be staked. Fragrant only at night, but what a fragrance! About three feet in height.

Zinnia. A rich variety in mauve, white, and dusty-pink. These, like the Petunia and Nicotiana, thrive on constant picking. The more flowers cut for the house, the more appear for the garden.

Ipomoea hederacea. Classed as a ground cover but tries its best to climb to the sky. Small, light green leaves. Tiny pale blue flowers similar to Morning-glories. Simply massed with bloom all summer.

Stock; Cornflower; Painted Daisies; Drummond; Phlox, and Evening Primroses.

#### PLANTS FROM NURSERIES

Daisies; English and Shasta.

Flowering Almond; blooms profusely and very early in the spring.

Forsythia; sparse bloomer the first year.

French Marigolds; there's no holding them once they get started.

[Please turn to page 84]

*Build this*
**FIREPLACE**
*that*
**Circulates Heat**
• • •

. . . *that*
**Will Not Smoke**

The Heatilator Fireplace circulates heat to every corner of the room and to adjoining rooms. The Heatilator is a steel heating chamber hidden in the fireplace—a scientifically designed form for the masonry that insures SMOKELESS operation. Cold air is drawn from the floor into this heating chamber—warmed—then returned to the room.

In the spring and fall, the Heatilator cuts weeks off the furnace-firing season and dollars off the fuel bills. In mild climates and for summer homes and camps it is the only heating equipment required.

**Any Style Fireplace**

Any style fireplace can be built around a Heatilator. Being hidden in the fireplace, the Heatilator does not limit mantel design or the choice of materials. Complete from floor to chimney, it greatly simplifies construction—saves material and labor. NEW LOW PRICES make the cost of this truly modern fireplace but little more than ordinary construction.

There are thousands of Heatilator Fireplaces now in successful use in all parts of the country. Sold by leading building-supply and lumber dealers and stocked in principal cities for quick delivery. Write for complete details. State if building new fireplace or rebuilding old, if for home or camp. Heatilator Company, 424 E. Brighton Ave., Syracuse, N. Y.

WARM AIR
COLD AIR
Heatilator Fireplace

# *Living in an antique house*

DOROTHY K. BRINTNALL

LIVING up to a house filled with antiques is both a privilege and a responsibility—a privilege because of the interesting by-paths that open up before one as he pursues this many-sided hobby, and a responsibility because of the claims imposed by memories of the past, claims that can be satisfied only by the most painstaking effort and devotion of these visible remains of an era simpler and perhaps more real than the one in which we live.

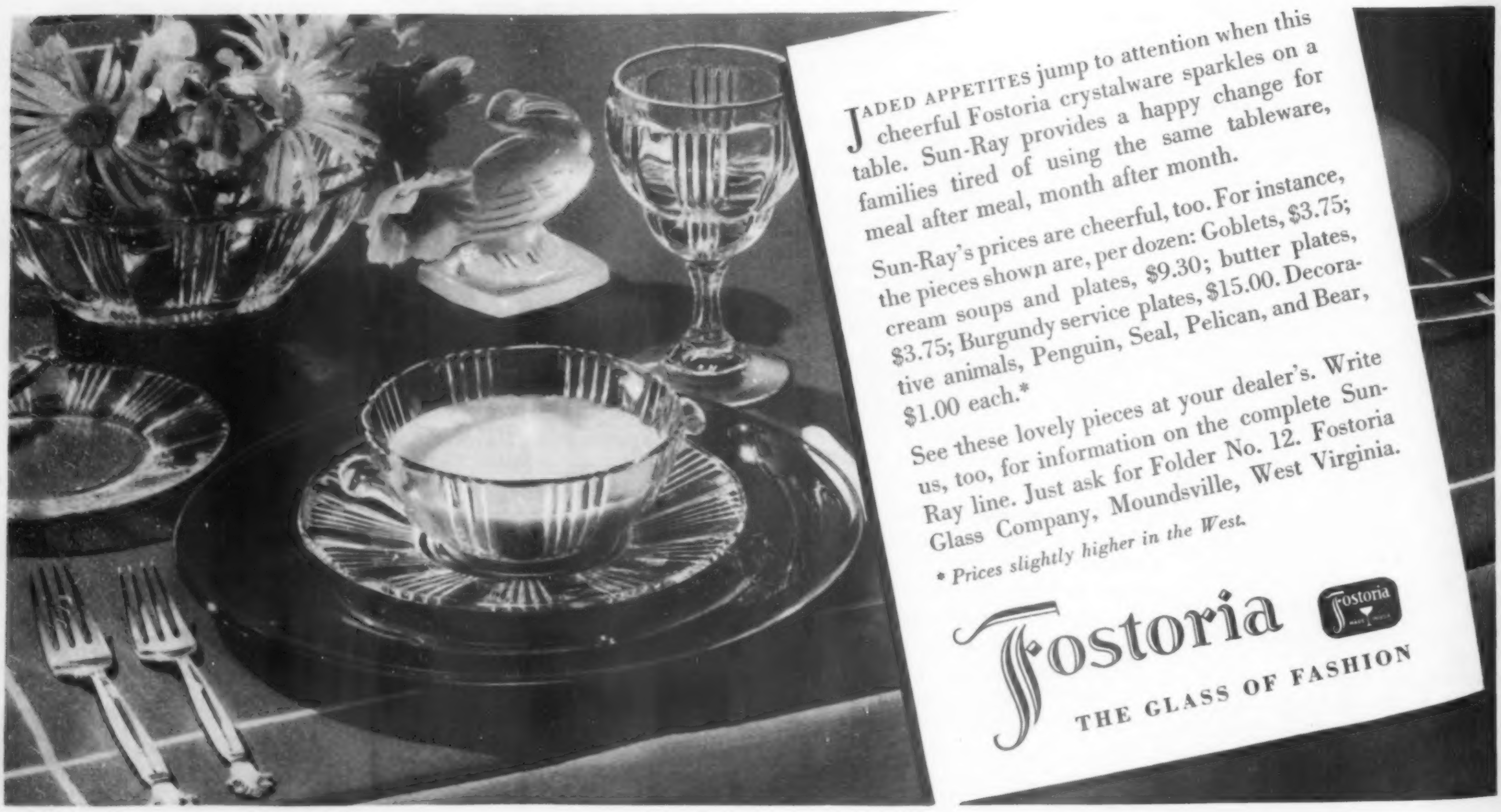
My house is completely antique from the swooping drop of its salt-box roof line to the Sandwich glass compotes in the corner cupboard. A low-ceilinged red-tiled hall runs straight through the middle of the house from front to back, at one end dropping off into the garden below, while at the other, stairs ascend to the quiet chambers above. Opening off on either side are the rooms of the main floor; generous wide-spaced living room crowded full of maple and pine and brass facing west, and toward the east, a dining room lighted with mirror sconces and running over with pewter and lustre and the thinnest of old-time porcelain. As I step about this house from cellar to garret, stopping to straighten a length of rag carpet here, to snip off a burned candle-wick there, or just to look and possess my soul for a moment with its charm and message of simple comfort, I seem to renew a pledge of loyalty to the past, a pledge laid upon me long ago by a well-remembered grandmother, who also loved these things which it is now my duty and joy to care for and serve.

That is why, in my house, many of the old-time customs and traditions of housewifely skill that tend to pass and be forgotten in the hurly-burly of modern living are preserved for sweet time's sake, even at the cost of much energy and labor. The lovely patina left by the years on the tavern table by the window needs more than the careless flick of the duster of the woman-by-the-day to preserve its dusky beauty. Butchers' wax and elbow grease are the successful formula here. And the labor of polishing and rubbing andirons is forgotten when the points of a dozen candle flames strike fire on them. Even the two-tined bone-handled forks on the table and the rat-tailed teaspoons beside them require more than red brick dust and water to restore them to their ancient shine. All these beloved objects to which I devote such a large share of my strength and leisure seem to give me a very special kind of reward. It is as if they all joined hands with me in the service of beauty and housewifely art.

But perhaps it is when I go into my kitchen that I most completely recapture my sense of the past. Above me, ranged around two sides of the shining red and white room stretch long rows of Pennsylvania slip-ware, yellow and brown. Tin candle-moulds and Bennington jugs stoppered with corn-cobs tilt precariously on their narrow perch. I have only to reach an arm's length above and about me to whip up a Floating Island in a deep-bellied blue bowl that my grandmother also loved, or to grill a slice of country ham in a frying-pan of brass, brave with rings instead of a prosaic handle. The little old yeast jug jostles a Lancaster County pipe-box used now for recipes, and a loaf of salt-rising bread lies ready to slice on the table beside a wooden bowl of white and purple grapes freshly rescued from the hungry blue-jays that perch on the vine by the door. Cookies, cut and shaped and flavored with old-time anise and car-

[*Please turn to page 80*]

**This Cheerful Crystal**
**adds zest to Luncheons...and Dinners, too**



JADED APPETITES jump to attention when this cheerful Fostoria crystalware sparkles on a table. Sun-Ray provides a happy change for families tired of using the same tableware, meal after meal, month after month.

Sun-Ray's prices are cheerful, too. For instance, the pieces shown are, per dozen: Goblets, $3.75; cream soups and plates, $9.30; butter plates, $3.75; Burgundy service plates, $15.00. Decorative animals, Penguin, Seal, Pelican, and Bear, $1.00 each.*

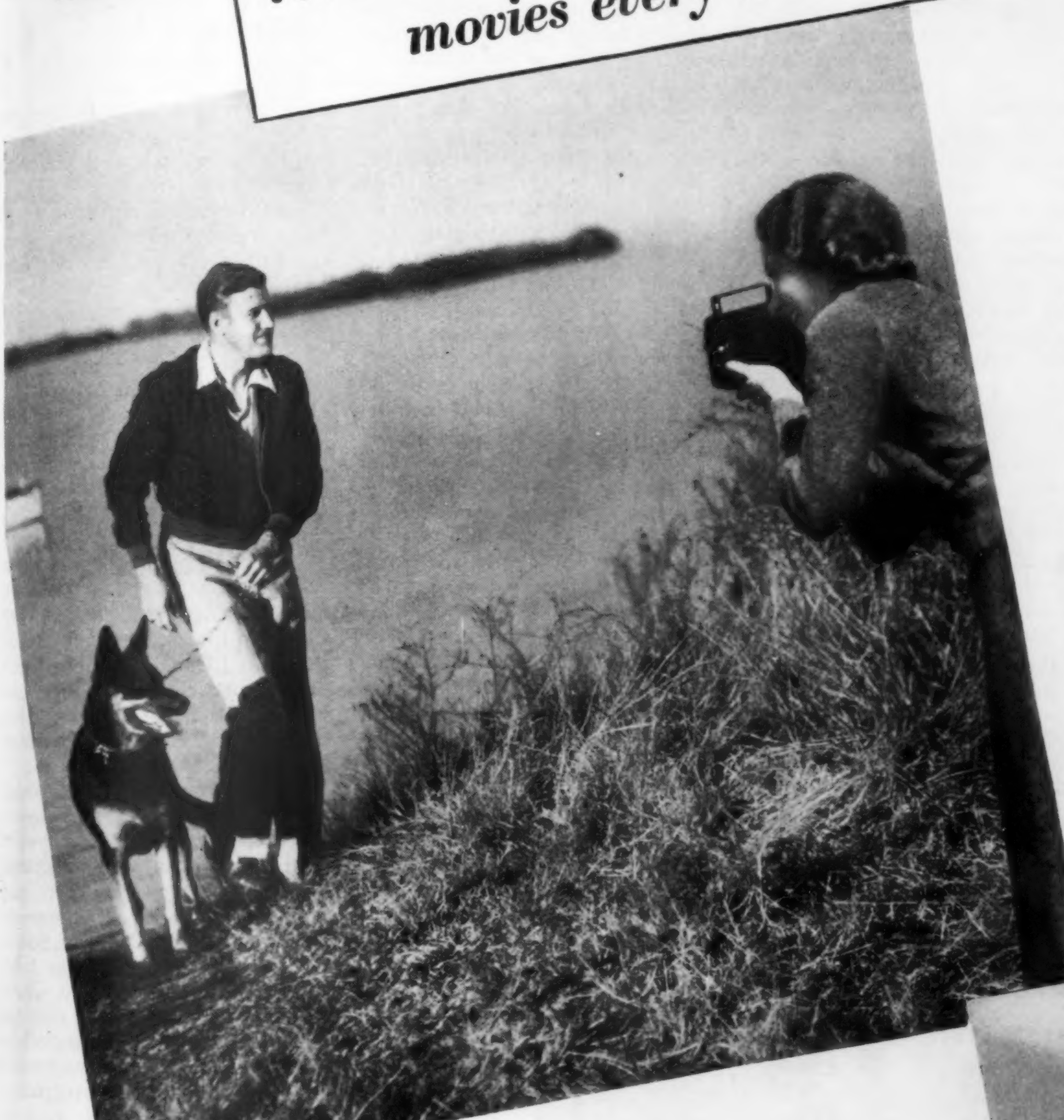
See these lovely pieces at your dealer's. Write us, too, for information on the complete Sun-Ray line. Just ask for Folder No. 12. Fostoria Glass Company, Moundsville, West Virginia.

* *Prices slightly higher in the West.*

Fostoria
THE GLASS OF FASHION

# She does her share to support the family

*. . . but she can afford to make movies every week-end*



SHE can't afford an expensive hobby—there are too many places where her money must go . . . too many necessities that come before pleasures.

But she has a most fascinating hobby—*home movies.* And it fits well within her budget, thanks to the development of a new type of camera and film.

Ciné-Kodak Eight lets people with modest incomes in on the fascinating sport of home movies. Now—exciting action records cost but a few cents a scene. And, from the first, they're as easy to make as snapshots.

See Ciné-Kodak Eight and the pictures it makes at your dealer's today. It's the camera you've been waiting for . . . Eastman Kodak Company, Rochester, N. Y.

**A NEW-TYPE CAMERA . . . a special film . . . make home movies possible at the lowest cost ever. A twenty-five foot roll of Ciné-Kodak Eight Film runs as long on the screen as 100 feet of amateur standard home movie film. The Eight makes 20 to 30 movie "shots"—each as long as the average scene in the news reels—on a roll of film costing $2.25, *finished, ready to show.* Ciné-Kodak Eight is small, sturdy—costs but $34.50.**

# Ciné-Kodak Eight

*. . . home movies at less than 10¢ a "shot"*

The "20-year-ahead" home is "TRIPLE-INSULATED"

*against Fire, Weather, Wear with Johns-Manville Building Materials*

**J-M ASBESTOS SHINGLES**

protect the entire outside of your house against *fire*. These beautiful shingles will not rot or wear out. Never require paint.

**J-M ROCK WOOL HOME INSULATION**

keeps your rooms up to 15° cooler in summer—warmer in winter and saves up to 30% on fuel. Fireproof.

**J-M STEELTEX**

reduces to an absolute minimum the possibilities of plaster cracking. Eliminates lath marks. Provides a fire-safe inner wall built on the principle of reinforced concrete.

THE truly well-built house of 1936 will still be "new" in 1956, because it will be "Triple-Insulated"—protected against FIRE, WEATHER and WEAR. This is made possible by the use of the latest Johns-Manville materials, developed through the vast research and engineering resources of the Johns-Manville organization.

If you are considering building, you will want to know all about the "Triple-Insulated" house, as described and pictured in the *free* J-M "40 Points" book, shown below.

40 Points you should consider in building your new home

**FREE! Johns-Manville Book on Home Building**

Johns-Manville, Dept. AH-4, 22 E. 40th St., New York, N. Y. Send me your free book, "40 Points You Should Consider in Building Your Home," with a section specially devoted to the "Triple-Insulated" house.

Name________

Address________

City ________ State

# *All on a vacant lot*

## A co-op venture with happy results

PEARL HALEY PATRICK

IF YOU live in an apartment, do not own a motor car, and street car tokens are none too plentiful, what do you and your family do for outdoor recreation? Go to the park? Not a bad idea but getting the whole family there and back, not to mention the dog and the picnic baskets—is that such a restful prospect for the tired business man or woman?

Eight Kansas City apartment dwelling families have solved the problem by coöperatively developing a breathing place right across the street on a vacant lot. No trouble at all, now, to pick up dinner, when the dining room is stifling, and take it across the street where a big roomy table and benches are waiting. There is a large, well-built oven, too, a sandbox for the kiddies, a standard roque court, and a dart-baseball board. There are plenty of comfortable chairs and seats out there under the trees and even the hottest evening is bearable.

"Fine!" you say, "But what if there is no vacant lot?" Well, there almost always is, and owners are usually glad to give permission for this use of lots held for investment. It relieves them of the care of the lot and gives it a "lived in" air that does not hurt it in the eyes of a prospective buyer.

"But what if the lot is sold?" If it is your fun stops, of course, but if you have been discreet in improving the lot you will have had your money's worth, anyway, and chances are you can use the lot several years. The group about which this article is written has been using the lot three years with no prospect of losing it in sight.

This year the roque court, which had been made with only a wood curbing, was torn out and completely remodeled. The soil was dug out, a transit was used to bring the surface to a grade with just two inches fall for drainage. Good black dirt was leveled and rolled, wickets set in concrete blocks and sunk at the proper locations, and the surface sanded, rolled, and brushed smooth.

"The men had as much fun making the court as they do playing on it," the wife of a member said. "They did such a particular job of remodeling, and the rainy spring delayed them so much, that we began to wonder if they would ever finish it, but they didn't seem to care; in fact one man said he was sorry when it was finished! However, the care of the court keeps them rather busy. It has to be watered and rolled and brushed often and whenever leaves fall they must be removed, for even one leaf may deflect a ball."

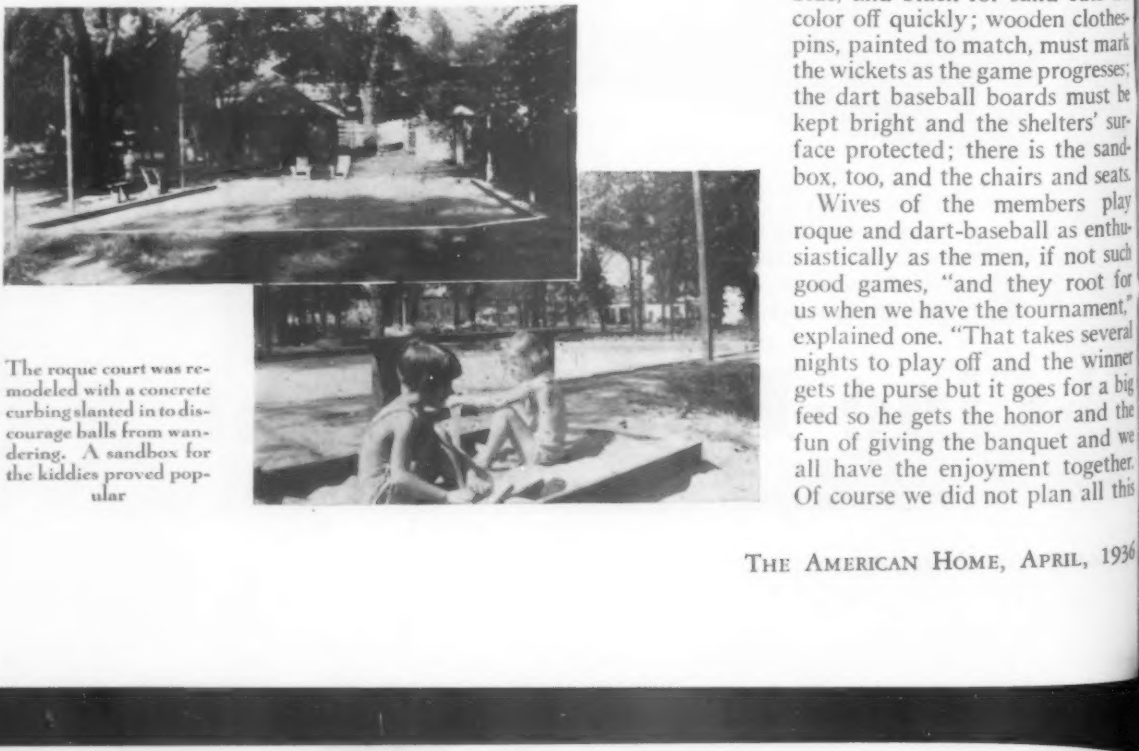
"In the fall though, is when falling leaves keep us busy," spoke up one of the club who was escorting a few early fallen leaves over the curbing with a final swish of his big brush. "We play late in the fall, some evenings when it is frosty enough to have a bonfire to help keep us warm, then it takes two of us to keep the court clear of the flying leaves. One of our big trees died this year. We may cut that up and use it for bonfires. For the oven? No. We buy good wood, hickory if we can get it, for the oven. Our special kind of steak fry requires a great bed of glowing coals, and, boy! is that steak good!"

The average cost per member would not exceed fifty cents per month, the club agreed, although in some of the summer months, when improving was being done, it would exceed that. The club members do their own concrete work and carpentry, installing of light fixtures, and even make their own tools. The roller, so necessary in keeping the roque firm and smooth, was made out of an old piece of sewer pipe filled with concrete. The brushes for sweeping the court are homemade, too, as is the dart baseball board, all the dart baseball boards in fact, for there have been three of them, one for each year of the club's existence and a fourth is in the making! It is hard, therefore, to get an estimate of all the expenses of the club but they have been kept down because of the personnel which includes three associated in the lumber business, one with a meat-packing company, one with a power and light company, one with a department store, one with a trade school, and one with a hardware company. Much of the material used was obtained at cost.

The roque court is lighted by four 800-watt bulbs and the rest of the lot where needed. There is a neat, hooded shelter for the dart baseball board, also lighted. The game of pitching feathered darts a distance of twenty-five feet at targets corresponding to the bases of a baseball diamond is especially enjoyed because even a beginner has a chance. The targets are ringed in three colors and plainly designated. One board is composed of two hundred blocks but the one this year is much simpler, being made of a sheet of five-ply veneer instead.

Making things is one of the most enjoyable phases of the project and each member has some special hobby. Paint plays an important part in the upkeep. There are many jars and brushes in the workshop corner in the basement. Someone must keep the roque balls bright in their colors of red, white, blue, and black for sand cuts the color off quickly; wooden clothespins, painted to match, must mark the wickets as the game progresses; the dart baseball boards must be kept bright and the shelters' surface protected; there is the sandbox, too, and the chairs and seats.

Wives of the members play roque and dart-baseball as enthusiastically as the men, if not such good games, "and they root for us when we have the tournament," explained one. "That takes several nights to play off and the winner gets the purse but it goes for a big feed so he gets the honor and the fun of giving the banquet and we all have the enjoyment together. Of course we did not plan all this



The roque court was remodeled with a concrete curbing slanted in to discourage balls from wandering. A sandbox for the kiddies proved popular

# Whether you are considering *Building or Remodeling* you'll want all these latest ideas

What fun for the whole family . . . this cheerful extra room (above) in what was the waste space of your basement! J-M Insulating Board Bevel Plank (random widths) for the walls . . . J-M Decorative Ceiling Tiles and J-M Asphalt Tile for the floor . . . do the trick.

101
PRACTICAL SUGGESTIONS for HOME IMPROVEMENTS

**Going to REMODEL? Then you'll want this FREE BOOK!**

THE "101 BOOK" (left) tells you dozens of new ideas in words and pictures (many in color), for "fixing up" your home . . . how to make it lovely, modern, more enjoyable.

**Thinking of BUILDING? Then this is the FREE BOOK you want!**

40 Points
you should consider in building your new home

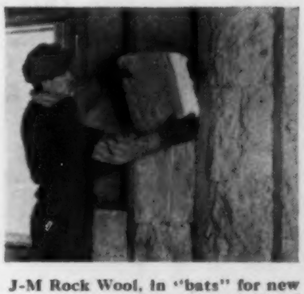
The "40 Points" book (right) pictures and tells how to have the 1936 *quality* home. How to go about financing; latest and newest materials; services of architect and builder, etc.

. . . And how proud you can be of the *outside* of your house when it's covered with J-M Cedargrain Asbestos Siding Shingles (right)! Have the texture of weathered wood. Fireproof—rotproof—wearproof. Never require painting. Eliminate repair bills forever.

To help you *visualize* the many ways you can improve your home inexpensively, nothing compares with the "101 BOOK," above. Shows you, with pictures, how to turn your attic into an attractive guest room; make your kitchen modern, gleaming with "tile-like" asbestos wainscoting; insulate your rooms against hot and cold weather; and dozens more of the latest ideas on home improvement.

And, if you are considering building, there is the "40 POINTS" BOOK. Here, for the first time in one book, you will find the many things you need to know to get the best possible home for your money. Tells how to go about financing; gives information on room arrangements; tells what methods and materials are the newest and best; explains what to expect of architect and builder, etc. *Most vital of all*, it explains the "TRIPLE-INSULATED" house, one of the most significant *new* principles in home construction. It tells how the best built *quality* home is now protected—against FIRE, WEATHER and WEAR, by using the latest materials developed by J-M scientists.

Whichever book you want, don't delay—send for it today!



J-M Rock Wool, in "bats" for new construction or blown into walls of present homes, keeps rooms cool all summer—reduces winter fuel bills.

J-M Asbestos Shingles make a roof a thing of beauty! Can't burn. Can't rot. Won't wear out! Can be applied right over old shingles.

## Johns-Manville
***Building Materials***

JOHNS-MANVILLE
JM
PRODUCTS

**Send for either book—FREE!**

Johns-Manville, AH-4, 22 East 40th Street, N. Y. C. I am planning to remodel my home. Send me the "101 Book," FREE ☐. I am considering building. Send me a free copy of the "40 Points" book ☐. I am especially interested in Home Insulation ☐; Insulating Board for extra rooms ☐; an Asbestos Shingle roof ☐; Cedargrain Asbestos Siding Shingles ☐.

Name______________________________

Address____________________________

Now in effect

SPECIAL SUNDAY RATES

for Long Distance telephone calls

AND

REDUCED PERSON-TO-PERSON RATES

after 7 every evening

**The Bell System now extends to all day Sunday the same reduced rates which have been in effect on long distance station-to-station calls after 7 p.m. each evening. The reductions apply to most calls on which the day rate for three minutes is more than 35 cents, and range from about 10 per cent on some of the shorter calls to 40 per cent or more on distant calls.**

**The Bell System also now offers reduced rates on person-to-person calls every night after 7 p.m. and all day Sunday. They apply, in general, on long distance calls on which the day station-to-station rate is more than 35 cents. The discount on most person-to-person calls is the same in money as on station-to-station calls between the same places.**

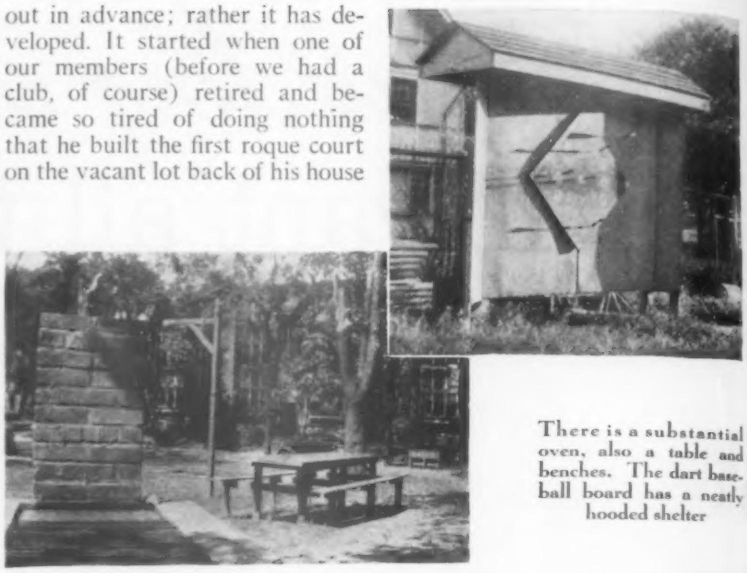
**In both social and business affairs, these new Sunday and night rates offer you a broader service at a lower cost. They widen your telephone's usefulness.**

TYPICAL THREE-MINUTE RATES

| FROM | Station-to-Station | | | Person-to-Person | | |
|---|---|---|---|---|---|---|
| | Day Rate | Sunday and Night Rate | Reduction | Day Rate | Sunday and Night Rate | Reduction |
| New York to Philadelphia | $ .50 | $ .35 | $ .15 | $ .75 | $ .60 | $ .15 |
| Pittsburgh to Cleveland | .70 | .40 | .30 | 1.00 | .70 | .30 |
| St. Louis to Chicago | 1.25 | .75 | .50 | 1.65 | 1.15 | .50 |
| Detroit to Boston | 2.55 | 1.40 | 1.15 | 3.25 | 2.10 | 1.15 |
| Washington, D.C., to Kansas City | 3.50 | 1.90 | 1.60 | 4.50 | 2.90 | 1.60 |
| Miami to Boston | 4.50 | 2.50 | 2.00 | 5.75 | 3.75 | 2.00 |
| Denver to New York | 6.00 | 3.50 | 2.50 | 7.50 | 5.00 | 2.50 |
| Washington, D.C., to San Francisco | 8.50 | 5.00 | 3.50 | 10.75 | 7.25 | 3.50 |

BELL TELEPHONE SYSTEM

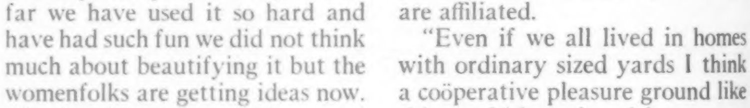
out in advance; rather it has developed. It started when one of our members (before we had a club, of course) retired and became so tired of doing nothing that he built the first roque court on the vacant lot back of his house which is just across the street from the rest of us. None of us even knew what roque was, then; we didn't know it from croquet; but he invited us over to play and we became interested. It was so pleasant out there under the stars that we took chairs along and our families went, too. Soon someone suggested a picnic and that called for a table and that suggested cooking outdoors and of course that led to the oven. The kiddies had to be kept off the roque court so we built a big sandbox for them. Some of us use the lot every pleasant evening and by common consent we have a get-together dinner every Saturday night. We hope to beautify the place next year; so far we have used it so hard and have had such fun we did not think much about beautifying it but the womenfolks are getting ideas now. We already have some plants and shrubs and think we can do a lot, especially with the west end beyond the roque court. It is ragged, now. People have worn a wide, bare path across the corner and it needs sodding. We mean to change all that; maybe vines on the tall line fence, too. One task suggests another, that way. Yes, everything is owned in common but the roque mallets. They are rather hard to get, vary greatly in price and players differ greatly in their preferences so each one gets his own mallet. We have found a Kansas City man who makes excellent hand-made ones."



There is a substantial oven, also a table and benches. The dart baseball board has a neatly hooded shelter

"Yes, we almost live on the lot through the warm evenings," another member said. "We eat there and play there and rest there and, yes, entertain there! Our children bring little friends to the sandpile, we invite our friends for games and sometimes entertain classes or clubs with which some of us are affiliated.

"Even if we all lived in homes with ordinary sized yards I think a coöperative pleasure ground like this would be enjoyed because no ordinary back yard has room for all this equipment and a group of families can do a lot of interesting things that a family alone perhaps could not. Besides, we enjoy working and playing together."



# Lady LOOK AT YOUR WINDOW SHADES!

ARE THEY A LITTLE DRAB AND DIRTY-FACED THIS MORNING?

WERE THEY JUST "TEMPORARY" SHADES THAT "COULDN'T TAKE IT"?

ARE THEY ALL OUT OF KEY WITH YOUR CLEAN WALLS AND DRAPES?

WHY NOT, right now, glance up from these words and look at your window shades? Windows are the "eyes" of your house, and clean cloth shades are like pretty eyelids, softening the sunlight. Now... when you're hanging fresh curtains, think of fresh shades. Woven-cloth★ window shades are much more satisfactory than substitutes . . . last several seasons instead of several months . . . and are built substantially on silent, obedient spring-rollers. The cloth kind come in so many pretty color-tones that you can use window shades, as the decorators do, to complete the curtain and drapery ensemble. At big stores or small shops, wherever you inquire for them, mention that you want a good woven-cloth shade. That's your money's worth at every window. This advertisement sponsored by The Window Shade Institute, 500 Fifth Avenue, New York, N.Y.

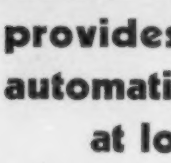
★ *Genuine cloth shades are woven on a loom, processed and colored to make them soft in tone and longer lasting.*

"THE WELL-DRESSED WINDOW WEARS A FRESH CLOTH SHADE"

*In this home dwells comfort*

Home of Ralph J. Ramer, Anderson, South Carolina. Architect: Henry I. Gaines, Asheville, N. C. Iron Fireman installation by Sullivan Hardware Co., Anderson, S. C.

**IRON FIREMAN provides luxurious automatic coal heat at low cost**



Ralph J. Ramer, Secretary Coca-Cola Bottling Co., Anderson, S. C.

If you were to visit Ralph J. Ramer's lovely home at Anderson, S.C., one of the things you would see and hear about is his Iron Fireman automatic coal burner.

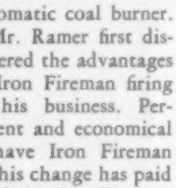
Mr. Ramer first discovered the advantages of Iron Fireman firing in his business. Performance was so efficient and economical that he decided to have Iron Fireman heating in his home. This change has paid Mr. Ramer well. Not only has Iron Fireman supplied an abundance of mellow warmth, but it has actually saved 65c of every dollar formerly spent for fuel.

"My fuel bill with Iron Fireman is only about one-third the amount required for oil," says Mr. Ramer. "Iron Fireman has been perfectly satisfactory as to steam pressure, cleanliness, and economy."

**Ideal Home Heating**

Mr. Ramer's experience is typical. In thousands of homes, large and small, Iron Fireman has proved a double blessing through its ability to furnish luxurious self-regulating heat at worth-while savings over other forms of firing.

Why don't you put Iron Fireman firing in your residence or business heating plant? It can be quickly installed in practically any solid fuel furnace or boiler. Prices are the lowest in Iron Fireman history. Purchase can be made on easy monthly payments or on an F.H.A. loan. Phone your dealer for free firing survey, or write for literature. Iron Fireman Mfg. Co., Portland, Oregon; Cleveland; Toronto. Dealers everywhere.



Models for homes and for commercial boilers up to 500 b.h.p.

**IRON FIREMAN**

**AUTOMATIC COAL BURNER**

IRON FIREMAN MFG. CO.
3281 W. 106th St., Cleveland, Ohio.

Type of plant:

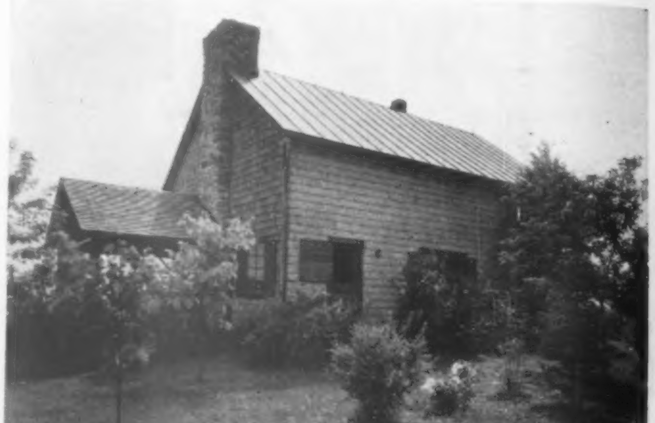
☐ Send literature ☐ Commercial heating
☐ Make firing survey ☐ Power ☐ Residential

Name..........

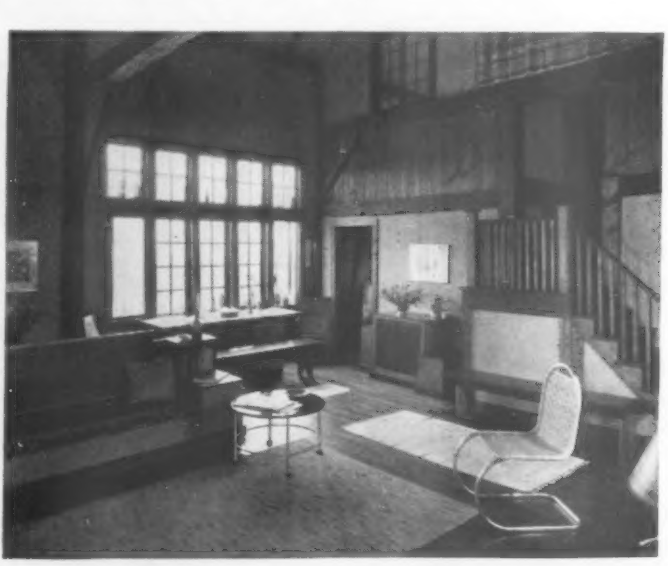
Address..........

# *Take one barn to a hilltop ~and live*

LORETTA MONTÉ



WITH the children and our dinner in the car, one evening in mid-October, we chugged up a long hill and around a generous curve in the very depths of the country some eighteen miles from Utica. Not even a crossroad sign enlightened us, but we had friends who lived during the summer in that prim white house facing that trim white church which might have been lifted bodily from any nice New England village. This was Russia, an almost lost track of little settlement of old settlers, who clung firmly, if futilely, to this stony country. The friends had gone back to town, but we were going to have our "last" picnic supper on their hospitable grounds; the children could have a good romp and then home and to bed. That was really all we had planned. We had the picnic; the children had their romp; we had a walk. Down through the apple orchard we walked, farther than we had ever penetrated that property before. The air was still warm with that spicy, exciting tang of autumn as we came to the end of the little orchard. We looked ahead—we looked and looked and slowly and almost in fear that what we saw should disappear, we looked at last at one another. Here was our Hill-top! To be sure, it supported no house. The hill rose before us untouched and primeval as it had been left centuries ago when the glaciers moved their landscaping way across this part of New York. There was no hesitation in hearts or minds as we stood there—we'd found our Hill-top. Here we would build our home—a home serenely overlooking miles and miles of straight, tall trees, of meandering, hurrying little streams, of funny, twisty dirt roads. And, as an "extra special" inducement for us to sign on this wavering line, that most spectacular realtor, Nature, threw in a geological tidbit, for over there to the left sprawled a great green mound—we'd have a drumlin for a neighbor, a drumlin in our own front yard!



We went back to gather up the picnic baskets and the children and our feet never seemed to touch the dying grass in the orchard and we didn't speak till we came out from the shadows of the trees and again we had a revelation! Now it is not often given to an artist and his wife to have two revelations in one fall evening: one a Hill-top made by God and the glaciers; the other a barn made by some long-forgotten farmer who knew only that he must build strong and well! At the right side of the white house—almost on the lap of the side porch stood a barn. Not a tremendous barn, but a little barn makes a big house, you know. We didn't spea but we forgot the children entire and walked into that old barn instead. We paced off the hay floor it was thirty-six feet by twenty-four feet. I looked up into th darkness of the rafters and a swallow banked its way out throug the open door. Standing there i the softly padding dusk we lai out our house. It may sound rathe unbelievable, but as we planned that autumn evening, our hous stands today.

We got home somehow, som how the children were put to be and then we telephoned to o friends of the white house. They think we were insane—a ten o'clo call: "May we buy your bar please? We'd like to live in it Well, we called anyway. The couldn't quite see what two ci people wanted with their Russia barn, but they planned to pull down in the spring, it seemed tha it spoiled their view. But, mayb we'd better change our bootlegge (remember, we used to have 'em Anyway we could talk it all ove Three days later we owned that d serted barn. Two days later sti we owned seven and a half acre of Hill-top and land, which in ou friendly surveying began "whe the neighbor's orchard ended Well, we had our Hill-top, and w had our barn, but there were 10 yards between the two! But, th men who farm this rugged, hill country are sturdy and resourcef —they *have* to be—and we fe ourselves already taking on the protective motivation. Why didn we get a "specialist" from th city? Do you remember that ban balance we had? So, we decide what we needed was "native" ta ent, with simple, practical idea and ready hands to carry o our instructions. We found

[*Please turn to page 7*

## Take one barn on a hilltop—and live

[Continued from page 72]

farmer whose native taciturnity and shrewdness kept him silent but acquisitive. And this man, his son and one horse took that barn off its hundred years old stone foundation and moved it to the Hill-top 300 feet away. I can't explain though I stood there watching till my teeth clattered like castanets and my feet almost took root in the crusty, autumnal soil. There was a huge, round affair called a windlass, I know, and a rope and the two men and a horse and way behind them all was the barn on four rollers. It took just about two days to set the barn down exactly where we wanted it with the barn door looking in yawning surprise at the very first drumlin it had ever seen. So we drew the plans ourselves — we knew what we wanted—an enormous living room with an enormous fireplace, that was first of all. That was easy. And a living room 24 x 24 feet was laid out. The barn door would make a gorgeous window facing the view of two counties by day and the flickering lights of Utica, eighteen miles away, by night. And here was the fireplace, twenty-two feet of stone right up to the huge old rafters—broad as railroad ties. Outside the door was fireplace material in truth for the land around produced one crop in plentitude—stones—round or ragged, little or big. Naturally, a kitchen was indicated for, while man does not live by bread alone, our family as a whole sported a very real respect for three squares and incidental snacks each and every day. So at the south end of the living room, we placed the kitchen. The trigness of which is my pride not to mention my comfort. The other side of the barn, balancing the kitchen area faces the north. That north light beloved of artists in Barbizon or Russia must of course bless the studio. Up stairs over the kitchen and studio and of the same size were two bedrooms with the bath between. A rather nice staircase, which juts only a very little into the living room leads to these rooms—our only "upstairs." When it came to windows, we went slightly mad. Our methods wouldn't appeal to the most un-orthodox carpenter. We wanted a lot of light, scads of it, as much as we could get in and still have walls to hold up the house. I've mentioned the barn door window, and I'll mention it again later. For the rest we simply marked on the barn walls with white chalk the size and location of the windows for our carpenter and eventually the windows were there!

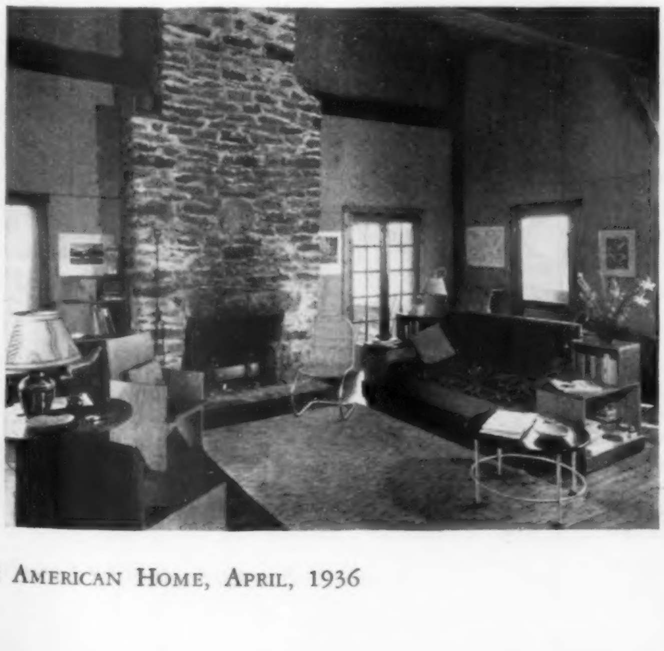
All winter our farmer-carpenter worked on the Barn; all winter we went to Russia on every possible occasion and on some which our skeptical friends thought impossible. Snow can and does pile up in Russia, and six feet of it can make motoring something much less than an undiluted joy. But, literally nothing stopped us. Each week we saw the Barn grow. We could tell you even now where every nail is driven. We know that it was two o'clock on Saturday November 12th when the soft gray shingles which were to cover the outside, were delivered; that two weeks and four days later the floors were laid. That it was February when the pipes and bowls and sinks and tubs were in and early in March when beaverboard covered the weather stained walls inside leaving only the rafters bare and untouched. Finally, when the very first crocus pushed through the now conquered snow, we watched the red wooden blinds hung, and with a jumbled feeling of humility and pride, we saw that our work was good!

Then, we looked at our bank book. That was *not* good. But, the Barn had to be furnished. The mahogany dining room set back in town; all the other things we had started with and added to just wouldn't "do" in the Barn. We had an entirely new sort of house to live in and it needed its own kind of furniture, not city, upholstered stuff which would "high hat" the rafters and the stone fireplace. Again, the banished and odd pieces which fester the conventional summer camp—creaking wicker and discarded Grand Rapids Ornate—were unthinkable here even if they could be "picked up cheaply." We wouldn't have them.

For years, we had been apostles of the Moderns. We were steeped in their gospel of presenting today's work in terms of the living of today. So, the artist in the family took out his pencil and drew our furniture for the Barn. The furniture designed must live well, and comfortably and in harmony with the rugged and lofty style of the Barn. It must be as simple as the life we hoped to live on our Hilltop and, of course, it must be easy to care for and capable of standing a lot of use. Then the sketches were finished, they were turned over to an Italian cabinetmaker who had learned his art in a far-off country and a far-off day.

Homely woods, decorated only with their own nice grain. Good line, free of tortured carvings.

[Please turn to page 86]



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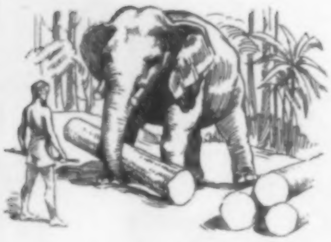

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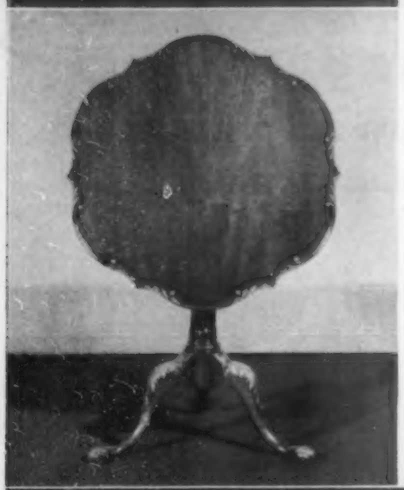

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# *Something* CAN *be done about it*

CHARLES CORWIN WHITE

**If you ever had a rose with a blight on its leaves, or beans with beetles, or a peach tree with curling-up leaves, or even a house plant with tiny green mites—read this article!**

Two kinds of plant troubles to be considered—Insects and Disease. Insects damage by eating the plant, or by sucking the juices, or as carriers of disease. Diseases are chiefly morbid growths upon or within the plant-body which deform, sap the energies of, or tend to kill the plants by secreting toxic substances. Except for the fungous diseases, methods of treating diseases directly are not at present very successful. Thus our main efforts are in control of the insects. Prevention is still worth much more than cure.

Resistant strains of some plants are available. Get them if possible. Plants that have been subjected to the conditions of your neighborhood should be better adapted to the environment than plants from other sources.

Get clean plants. Consider any abnormal plant as diseased or infected and do not accept it. Roots should be fibrous and firm, not thickened or knotty.

Cultivate the soil. If done deeply in the fall, you kill many insects which are preparing to hibernate. If done during the life of the crop, you will disturb the insects present at that time; and you will be aerating the roots and otherwise helping the plant to grow.

Fertilize and otherwise assist the plant. A strong plant resists its enemies.

Rotate the crop. When you plant the same thing repeatedly, the pests get established in that locality. Since many pests attack only one species or one class of growing stuff, rotation of the crop destroys by the simple means of removing the sustenance.

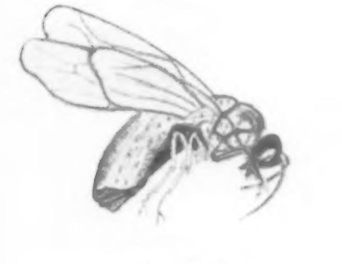
Be neat. Destroy rubbish, remove old boards, and burn weed borders; clear up stubble and accumulation along fence-rows. And, particularly, destroy crop remains after the harvest. This last is imperative if the crop was affected by a pest during the growing season. The best method of destruction is, of course, burning.

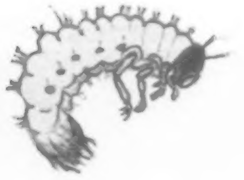
Don't wound plants unnecessarily. Remember that plants are living organisms and respond to treatment much as we do. In the case of wounds, the similarity is striking. The surface of a plant is an effective safeguard. Break that surface or skin, and infection may, and frequently does, occur.

Space your plants properly. Plants which have plenty of air and sunlight are much more resistant to disease and infection than overcrowded ones.

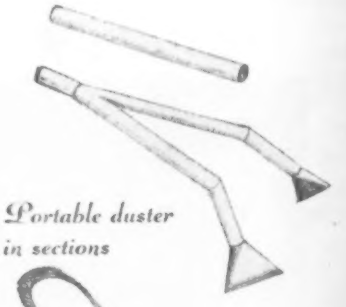
Insecticides work on several principles and are applied both as preventives and as cures. There are stomach poisons, which the insect eats to his ruin. There are contact poisons, which suffocate or

[*Please turn to page 76*]

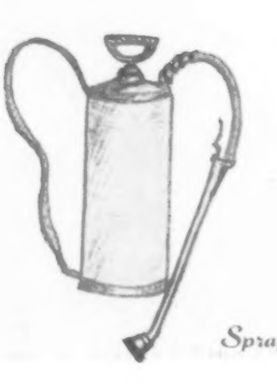




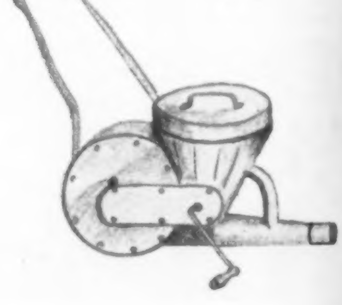
*Sketches by the author*



*Portable duster in sections*



*Sprayer*



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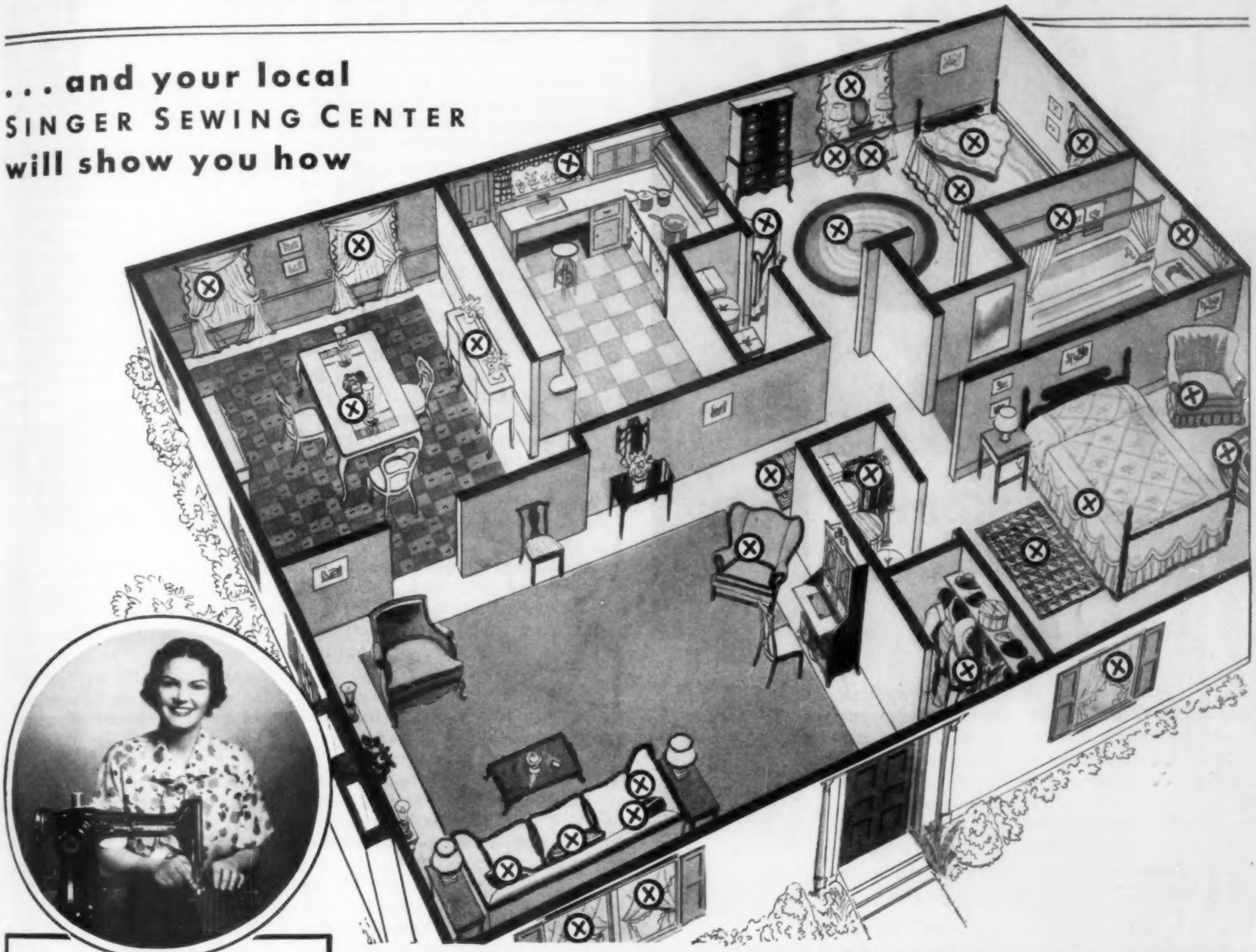

SEE how *many* lovely things you can make yourself . . . think how *much* you can save when you pay only for materials! Curtains, draperies, slip-covers—bed-spreads and quilted comfortables—monogrammed towels and linens—yes, and the lovely new deep-pile Singercraft rugs! You, too, can make them, as thousands of others are doing, with a modern Singer to stitch and finish them quickly, and Singer instructors in your own community to show you how.

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## Something can be done about it

*[Continued from page 74]*

paralyze him or corrode his tissues when he touches them. There are repellants, which discourage or drive him away. Or there may be a combination. Sometimes they act as a trap, as bands of sticky substance around the tree trunks.

Insects are easily divided into two classes: those which bite and eat the plant or leaves, and those which insert a proboscis and suck out the juices. The first kind can usually be controlled by the stomach poisons. The second class ordinarily reaches through the stomach poison to the juice within the plant and so is unharmed. Contact poisons or repellants are therefore indicated. An inspection of your troubles will show you which class of insect is doing the damage, and you will thus be able to prescribe the insecticide to use.

Fungicides—that is, chemicals for the treatment of fungous diseases—unlike insecticides, which may be applied after the insect is on the job, must be applied first.

Spraying and dusting are two methods of applying both insecticides and fungicides. The names are quite descriptive. Spraying is the application of the materials in a liquid form, and is done at pressures ranging from a few pounds up to five hundred pounds. Dusting is the application of the materials in powder form, which may be done without high pressures.

Practically all dusts are best applied when the plants are wet, either with dew or after a rain. Sprays cannot be applied effectively at such times.

Sprayers and dusters are of many types. Some popular ones are pictured here. They are either carried in the hands or slung over one's shoulders by means of straps. Application is made either by pumping with a handle or by turning a crank. A slightly larger type is built like a wheel-barrow, and is intended to be operated by two persons: one pumps while the other directs the flow of material.

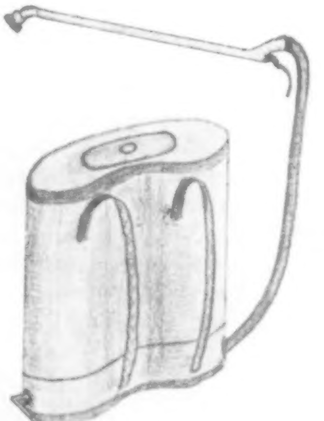
There are a thousand preparations on the market; many of them combine several offices, many of them are excellent, some make extravagant claims, all are offered under trade names. Here will be named only the principal active ingredients which are used in these preparations together with the effects. Thus, when you buy a preparation, you will know what ingredients you want, and what you are getting.

The standard poisons used for all classes of trouble are arsenicals, lime, copper, sulfur, and nicotine. Sometimes they are used singly; more frequently they are in combinations. For the biting and eating insects, arsenate of lead is the standard. For dusting, arsenate of lead combined with hydrated lime or sulfur dust as carriers is used.

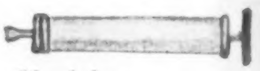
For the sucking insects, nicotine sulfate or nicotine dusts (nicotine sulfate and lime) are the common. For "dormant" or off-season spraying of fruit trees, concentrated lime-sulfur is used. Pyrethrum extract and rotonon are becoming very popular as not poisonous to ordinary animal life.

For fungous diseases, some form of copper or sulfur is used. In general the copper sprays are more powerful; but they burn certain tender plants, and then the sulfurs are used. Among the dusts, the colloidal sulfur is the most effective, and it sticks to the foliage best.

One word about fungicides: fungous disease takes hold when there is moisture, for moisture is necessary to the germination of the spores. Therefore a rain brings about the increase of fungous disorders. Thus fungicides must be applied *before* a rain and *not* after.



*Knapsack sprayer*



*Hand duster*

*Hand Sprayer*

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## Mr. Godey's lady editor
## Sarah Josepha Hale

[*Continued from page 60*]

we know, the last Thursday of each November that is officially set by the president each year. For this we owe another debt of gratitude to Mrs. Hale.

Mrs. Hale wrote her last editorial for Godey's Lady's Book in 1877. This editorial was a benediction. She told the women that fifty years had wrought many changes and that there was no limit to the things that were open to them. She was content with life as it was and she was happy. She was ninety years old but her mind and spirit were keen as ever. She died sixteen months later as gallantly as she had lived, without pain and with a smile.

Mr. Godey sold his Lady's Book in 1877 a few months before he died. The new owners published it for twenty years in New York but with Mrs. Hale and Mr. Godey gone the magazine lost its appeal.

To those who are fortunate enough to own bound copies of the Godey's Lady's Book we suggest that you read them through carefully. The writing may be stilted and the bright-colored prints may decorate lamp shades and scrap baskets but there is a whole panorama of life that was necessary to this country's development. It represents the best part of one woman's life and it was well spent. Many things that we accept today without thought were made possible by Mr. Godey's pioneering lady editor, Sarah Josepha Hale.

* * *

### *Straight, Form-Fitting Candles*

Now that candles and candlesticks play a part in the decoration of the home, it is essential that the candles be straight and clean looking. I had considerable trouble before I hit upon the plan of dipping the end of each candle in boiling water until soft and then quickly fitting into the candlestick. It is much more satisfactory than using a match as I used to do and avoids that smoky appearance around the base of the candle. MRS. LESLIE D. ATWOOD, Spencer, Massachusetts.

### *To String Beads*

In stringing beads, the gap between the last bead and the clasp can be overcome by dipping the end of the string into warm water to shrink the thread to its proper length. Do not immerse the whole necklace or it will be too short. MRS. INEZ HIGGINS, Little Rock, Ark.

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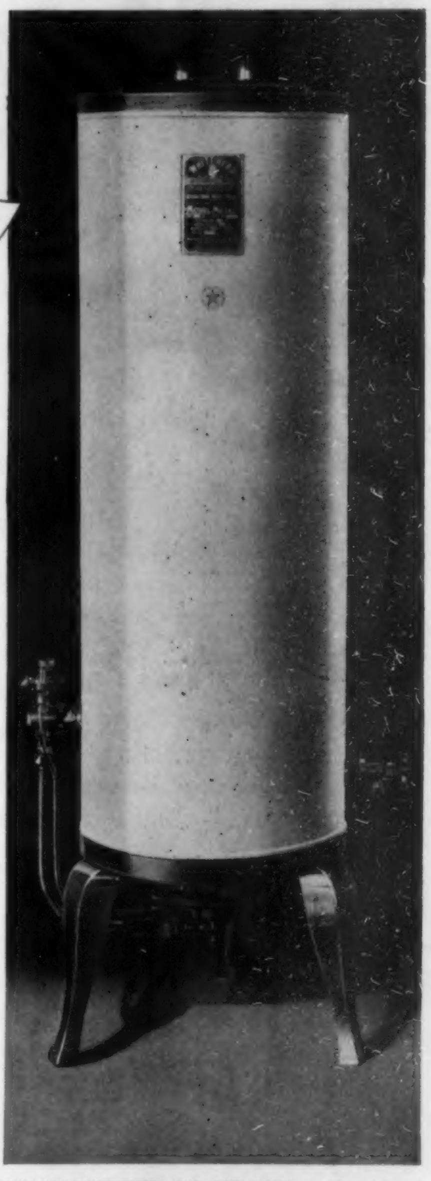

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## A two-timing room

[*Continued from page 25*]

shelves are balanced by the Venetian blinds on the two walls not shown in this sketch. The color of the inlaid carpet, of deep blue and silver gray, with touches of scarlet, is repeated in the color of the upholstery. We have chosen natural birch, bleached, stained gray and then waxed for frames and cabinet work. The ceiling and the balance of the two book-shelf walls are papered in lustrous silver. This ceiling treatment makes a splendid reflecting surface for the indirect lights and gives good diffused light so necessary in a study. The window walls are the deep blue of the floor with Venetian blinds painted silver and taped in blue.

We have provided a large, sturdy desk with plenty of drawer space and a typewriter compartment. Beside the desk is a strong desk chair of chrome finished metal upholstered in red leather. Opposite the desk, completing the group is a large, comfortable armchair with an accompanying arm-height table, also of chrome and leather.

The studio couch next the book-shelves is of simple design and upholstered in blue and red. The lower section is raised by a lever and can be pulled out to make a comfortable double bed; the fact that it slides under the book-shelves eliminates the necessity of having a wide, clumsy expanse of couch top. Behind the upholstered back of the studio couch is storage space for blankets and bed-clothes. Under the bookcases on one side is space for a radio and a magazine rack; under the other there are compartments for the storage of various papers and etchings. These are large enough to accommodate extra luggage and other belongings of a guest.

The coffee table has enclosed in its center compartment an electric grill which can be attached to an outlet on the book-shelf wall. How pleasant to be able to brew a cup of tea so conveniently! Next the bed is a practical pull-out night-table.

This room is designed as a real study for the man—comfortable, rugged, rich in tone and yet resilient enough to be gay with that touch of sophistication the modern guest appreciates.

The use of sturdy wood, the absence of elaboration will appeal to the masculine taste. The design of the inlaid carpet carried up into the doors and creating the illusion of ample space, will please him as well. This room is conceived to serve either purpose, guest room or study, in entirety. It satisfactorily functions as a distinct unit in each case.

"You have done your best to house your guest" in a room of this kind without sacrificing the family study—a room which contributes greatly to the comfort and charm of living of the whole family. This room is so thoughtfully planned with all the comforts of home for your guest, he will feel he is welcome and not stowed away as an afterthought. Yet this in no way impairs the use of the room as a restful and satisfactory lounge or study. It often serves as auxiliary living room as well.

Whether you are a Gothamite, an apartment dweller, or the proud possessor of a house you will appreciate the "double feature" of this room.

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**ENDS MOTH FEAR FOR 1 YEAR in 1 application**

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**ORDINARY METHODS** Woolen cloth treated with widely sold, ordinary moth liquids, etc. Note havoc caused after moths arrived.

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**Moths can't eat Larvex-ed Woolens**

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What a relief to have suits and coats and other woolens always ready to wear any unexpectedly cool evening yet fully protected from moths for 12 long months!

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Even the choicest moth food, such as mohair, expensive rugs and drapes, are guarded a full 12 months by Larvex. Apply it directly to the article. Harmless to fabrics, as well as humans and pets. Cannot stain; non-inflammable and has no smell.

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One Larvex spraying takes these valuable garments off your mind an entire year as far as moths are concerned. And being odorless, Larvex can't offend when the clothes are worn.

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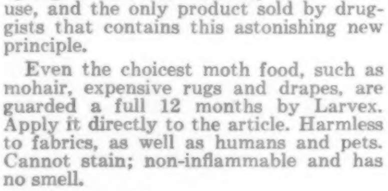

FORGET THE MOTH SAVE THE CLOTH

LARVEX

## Bright Housekeeping

[*Continued from page 21*]

with some light directly on the table to center attention where, in the dining room, it belongs. Of course with dining you immediately think of candles, and they are lovely, catching the errant gleam of silver and glassware and adding sparkle to the appearance of the table. But don't use them alone. A lighted candle is uncomfortable to look at in a dark room.

*Your willing backstairs slave:* It promises you constant and willing service in the kitchen too. A good wiring system will take care of your refrigerator, fan, clock, iron, dishwasher, waste disposal unit, and mixer. Maybe you haven't half these appliances as yet, but you will have them, and in preparation for that day let the wiring promise your kitchen a future. But in the meantime, do not grope around in darkness until it comes.

A shaded wall-bracket over the range, sink, and work centers, equipped with a 40-watt inside frost Mazda lamp will speed the hours spent there, for the Science of Seeing in its research has been able to show a definite relationship between light and work. The ceiling fixture, an all-enclosing glass globe carrying a 150-watt inside frost lamp, benignly does a good turn for the whole kitchen providing soft, shadowless illumination to help chief cook and bottle washer alike. You needn't wait until "some day" for right lighting.

*Upstairs work:* The same sort of ceiling fixture, only smaller, with a smaller globe and perhaps a 100-watt inside frost Mazda lamp is needed in the bathroom, although here too there is need for other light. Two wall outlets for 60-watt

BATHROOM SANITATION
Begins here!

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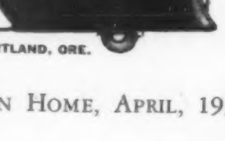

**The ALADDIN CO.**
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inside frost lamps, shaded and thirty inches apart, are needed at face height at the mirror.

An outlet for the curling iron will be appreciated in the bedroom at the dressing table, where also there should be two lights—one at either side of the mirror at face height. Here 40 or 60-watt inside frost lamps may be used in wall brackets, pin-it-up or twin dressing table lamps. Whichever is used, the lamp bulb itself should be on your face level. And pray let the bulbs be inside frost, not colored, and the shades pale, because colored light makes you look all different from what you are—not flatteringly either.

Elsewhere in the bedroom—at lounging chair, chaise longue, and bedside—a lamp should be provided for reading. Remember too that a good reading lamp must fulfill the same requirements upstairs, downstairs and in Milady's chamber. It should have a base tall enough to bring the light well above the reader's shoulder. It should have a shade light in color and broad in shape to provide a wide circle of useful light. It should have a combination of bulbs equivalent to 100 watts at least.

While we are comfortingly assured that reading in bed is not harmful if the lighting is right, this assurance is offset by the prediction of dire things for us if we cheat our eyes and make them read *anywhere* under poor lighting conditions. So don't cheat.

Don't cheat yourself of the convenience of right lighting in the far corners of the house either. Have a ceiling outlet to light the attic stairs, and have finished rooms up there wired just like rooms elsewhere in the house. Have a ceiling light in every closet and—for "hunting" season—an extra outlet fitted with extension cord and socket. The last named you'll appreciate especially if your attic is unfinished.

Down cellar plan outlets connecting ironer, washer, water heater, hot plate, clothes dryer. But do not wait to possess all these before you acquire good lighting in this place where efficiency is at a premium. A ceiling fixture with enclosing globe like the one in the kitchen is good over the tubs and ironer. Wall-brackets like those in the kitchen should be used at other work places. Daylight lamps are recommended too, as these blue bulbs give a working light helpful in seeing stains and spots.

If you want one servant to help with laundry and cleaning, also assist in the kitchen and wait on the table, also do upstairs work and in-between times act as personal maid, don't despair. Anne Lindbergh found her shoes and you can find yours. Just install a good wiring system and put it to work as fast as you can.

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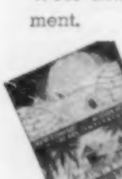

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WORLD'S LARGEST EXCLUSIVE MANUFACTURERS of ROCK WOOL PRODUCTS

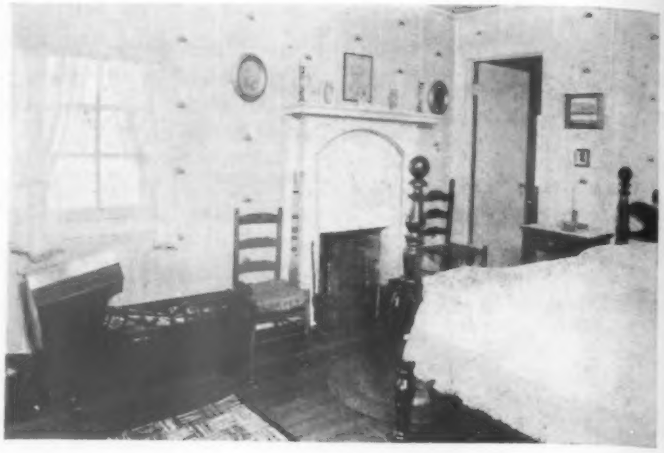
## Living in an antique house

[*Continued from page 66*]

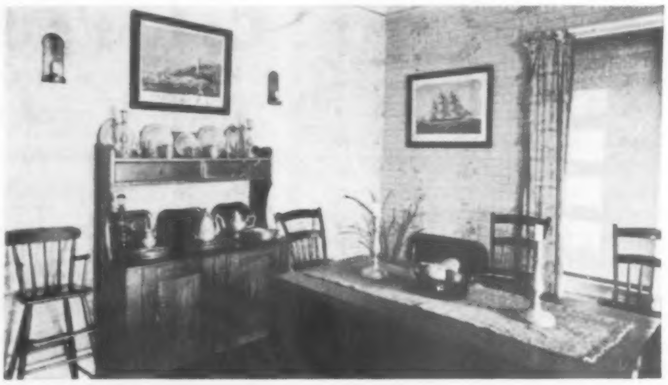
damon seed are as much a gesture toward the historic past as toward the gustatory desires of my own appreciative family. Recipes and culinary tricks that my mother's mother knew and her mother before her; old utensils adapted to new uses, even the skilful fluting on the edge of a deep force-meat pie serve to strengthen my sense of tradition and to insure seemly behavior in the presence of my ancient treasures.

On rainy days I patch and sew up the stray ends of my well-worn hooked rugs. Then, sitting in my low hung sewing rocker with its delicately pointed finials, companioned on one side by a little old towel-rack hung with many deep-pocketed bags of rags and sewing patches, on the other, by my old round mending-basket heaped to overflowing with the tattered treasures of days gone by, I set the small stitches that marked the invisible darning taught me by my grandmother, or ravel a thread to fill up a gaping hole in the hand-loomed linen worn thin from many washings. And, as I sew, the material in my hand becomes a way of escape into a dream—a dream of other days. I am the bride who sits beside the treadle of the spinning wheel and the flax thread that I am pulling out is to be woven into this very blue and white tablecloth in my lap. The little hooked rug under my feet with its yellow star-fish caught in a spraddle of green yarn seaweed is really a clipper-ship putting out from Salem to the China seas and I am aboard all set for adventure. Flow blue china in the cupboard, an ivory dog on the table, and the old purple Portuguese map on the wall all serve to heighten the mood. Or I am a child again, sitting at my grandmother's knee as she scrapes apples and tells me tales of family lore. The garden is bright with red and white poppies that put one to sleep and my lips pucker at the taste of the boneset in the border. Proverbs long-forgotten slip through my mind as I muse—"She looketh well to the ways of her household and eateth not of the bread of idleness"—my birthday verse . . . And so I sit and stitch and make beautiful and whole again some frail remnant of the past.

The dull drop of the door-knocker recalls me to the present. Perhaps it is the neighbor who also loves antiques calling to tell me of her latest find or to admire mine, or just to gossip Cranford way. The oval stencilled tea-tray stands ready always, gay with fringed napkins, handleless cups in their deep-drinking saucers and Sheffield pot. A tea-cosy warms the pot while crullers and Shrewsbury cakes are brought in and ginger root from its fragrant jar. I pull warm curtains to shut out the night. The fire crackles on the hearth. Within all is peace and tradition and beauty. I am content with my life in this lovely antique house of mine.



The high-standing little old fireplace fairly demanded ladder back chairs each side of it. The cradle with its old-fashioned coverlet, the low poster bedstead, and funny old prints on the walls, make for the sort of peace not given to all of us today



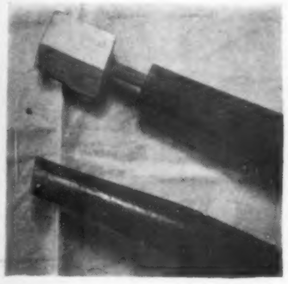
Fine pewter, old candlesticks, and gay little trays decorate the homey cupboard in the dining room, where there is a tiny little high chair for some visiting child

# I buy only derelicts

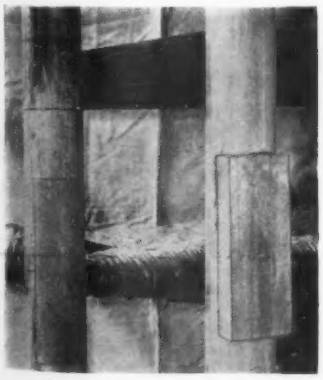
HARRY IRVING SHUMWAY

ALL the old pieces of this and that which have come to me down through the ages have done so on one leg, with no arms, cracked, three quarters there or next to totally collapsed. I never buy a perfect example of antiquity because some hatchet-faced person with cold eyes is always willing to offer the auctioneer one dollar more than I happen to have. Hence I have had to content myself with the pieces that scared everybody else away.

The Windsor chair I bought for $1.25 had one leg broken off, two spindles split (part of one missing) and the two parts of the seat ready to secede from its union. Nobody else wanted it. The Boston rocker which came to me like Little Orphant Annie had one rocker wired, lead poured into its holes and crevices, the back had haughtily drifted away from the rest of the assembly, the seat was chipped and every joint was loose. Outside of that it was a fine chair. But I got it for seventy-five cents. The old iron tray I got for fifty cents was rusty, had a hole in it and the sole remains of the one-time gorgeous design was one faint gold line about ⅜ of an inch long. And the old swing-leg maple dropleaf table I carried away for $2.75 was rapidly becoming decomposed. Such a table!



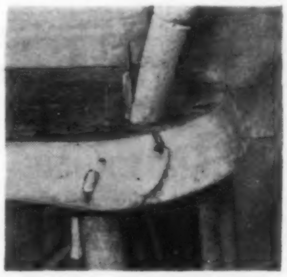
Building up a leg. The extra piece and the end of the leg are bored to take a dowel. The piece is glued and pressed home. The lower leg shows the repair complete after working to shape with plane, file and sandpaper



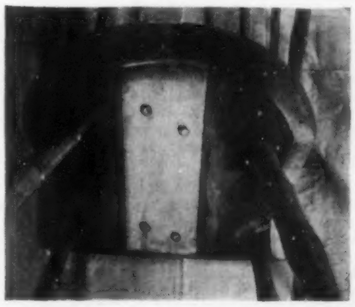
The leg at left was completely sheared off. The model at right shows how extra piece was set in. The extra wood was planed down and finished with a file and sandpaper. When possible two of these pieces or splints set opposite each other make a better repair

At auction sales I see people glance at me and slyly snicker. They probably wonder why I choose to buy kindling wood at an auction sale of furniture when I could do so much better at a lumber yard. Let 'em snicker. Slowly I am collecting all sorts of nifty old pieces for fifty cents and a dollar that, once off my operating table, are ready to take up the life which they abandoned years ago.

Let's take the Windsor chair with the sheared-off leg, the split seat and the missing spindle. This leg was absolutely adrift. So I stuck enough glue on the fracture to hold it for the major operation. When dry I bored straight down through the part of the leg which protruded from the seat, into the part of the leg which had left its moorings. Then I inserted a maple dowel ⅜ of an inch in diameter. This was well covered with glue as was also the hole. That leg is as good as new.



Wedges of maple driven into loose legs and posts. The wedges are set in glue. Then sawed off flush and any depression filled with plastic wood. The dowel repairs a split in the seat.



This seat was completely split. It was glued, clamped together and the thin board put on the bottom. Four holes were drilled through into the seat and dowels set in glue

The hole where the spindle used to be was cleaned out and a section of spindle made from an old piece of oak. I beveled one end of this piece at a long angle. Then I matched this bevel on the remaining part of the spindle which stuck up from the seat. It was an easy matter to cut off the new piece to the right length, insert it in the hole, glue the joint and set with a small clamp. When dry it was worked smooth with a file and then sandpapered. The joint can hardly be seen. This is an easy way to repair any chair with spindles which have become broken, without removing the bow or the top slat.

Wooden seats are frequently split. They are easily fixed. I glued the split and clamped the seat so the split was squeezed tight. Then on the under side of the seat I glued a board one fourth inch thick by four inches wide and almost as long as the seat. Bored four holes through this into the bottom of the seat and set in four dowels in glue. Result: the seat is as good as in the beginning. The ends were filed off so the repair could not be seen when the chair was on the floor. In all these dowel repairs, the dowels should have a tight fit.

And now for the most frequent ailment that chairs seem to have. Loose legs and rungs. Sometimes they are all loose. There is play between leg or rung and the hole. The lowly clothes-pin, being maple, makes fine wedges. Split the clothes-pin with a chisel, cut off the ends about two inches long, and sandpaper one end to a fine edge. This is the wedge. The angle should be very slight so it will go in quite a distance and make a good joint. Flood warm glue into the offending joint and rock the rung or leg so the glue is worked in. Then drive in the wedge with a hammer, being careful to set the wedge at right angles to the grain of the seat or it will tend to split. This little home-made method makes joints as tight as they were in their youth. And it might be well to mention that newly acquired furniture should be well dried in a heated house for a long time before you go to work on it. Many of these old pieces have been out in the damp and they shrink when placed in warm, dry houses.

Once I got a four-slat ladder-back chair for seventy-five cents, which, of course, would have been a bargain if the condition had been even fair. But it wasn't. One of the long back legs had split straight across at the juncture of the seat. First, I set the break in

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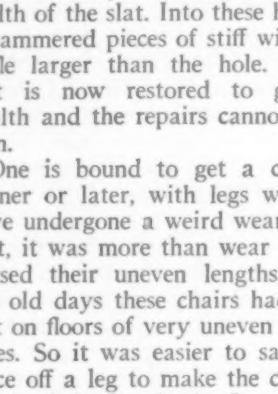
glue and let it harden. Then I cut a section about five inches long and half an inch deep at the fracture, using a saw and cleaning out with a chisel. Into this I set a piece of maple, glued, and clamped it. When dry, it was a simple matter to plane and file the new piece to shape and the leg was as good as new. To give additional strength I ran a dowel down through the fracture at a long angle. The chair can now be sat in.

The top slat was a bit of a ruin, too. It had split across in two pieces but they held at the ends. I set these firmly in place with clamps. Then bored down through the narrow slat with a 1/16-inch drill in three different places, at depths nearly as long as the width of the slat. Into these holes I hammered pieces of stiff wire a trifle larger than the hole. The slat is now restored to good health and the repairs cannot be seen.

One is bound to get a chair sooner or later, with legs which have undergone a weird wear. In fact, it was more than wear that caused their uneven lengths. In the old days these chairs had to rest on floors of very uneven surfaces. So it was easier to saw a piece off a leg to make the chair rest level than to fix the floor.

I got one with all the legs of different lengths, one as much as two inches short. It was better to build them up than to saw off the others to match the shortest. So I got some maple of larger diameter than the leg ends. Using a piece long enough I bored a hole in it, another to match it in the chair leg and amalgamated the two with a tight fitting dowel set in glue. After it was dry it was an easy matter to trim the new end down to the correct shape with a small plane and file.



Chair rung broken away at leg. Hole was drilled through the leg into the rung and a strong dowel set tightly in glue. The dowel was then sawed off.

In my gathering I got chairs containing various quantities of rungs. Some would have two missing. One lovely old three-rung back had two rungs gone and one of the seat bars. Rungs are usually made of hickory—hence my predilection for old hoe and rake handles. These make fine chair rungs.

When by main strength and ignorance I could strain a chair enough to slip in a newly made rung, the repair was easy. But sometimes it was impossible to do this. So, there being tricks to all trades, I learned how to get a piece of wood into an unstretchable space (the piece being longer than the space) without tearing the whole thing apart. I bored a hole through the back of the leg in line with the missing rung and slipped the new rung in through the hole. The free end was split for a wedge and a wedge driven in to make it tight. This is a swell way to do this job and the result is hardly noticeable. Of course this can be done only with a rung which is the same diameter its entire length.

There is a way to fix a rung which is thicker in the middle than at the ends and which may be broken off at one or both ends. Drill a hole from the outer side of the leg into the loose rung. If the rung is ⅝ to ¾ inch in diameter, use a ⅜-inch hole. Fit a dowel into this with glue, and drive it home. It makes a strong joint. All these dowels, of course, should fit tightly.

Today my most expensive chair has cost me three dollars—a three-slat back. But this was (according to my standards) in good condition. At least it would stand up, which was a lot more than you could say about most of them. My cheapest to date, is a Hitchcock which set me back twenty-five cents. This is what you might call thoroughly weathered. Granted that Mr. Hitchcock made it in, say 1840, I'd guess that it has been out in the sun, typhoons and blizzards since 1841. It is now gray maple and every joint in it is as free as air.

What am I going to do with it? First, give it a bath of oxalic acid to drive away the silver threads in its maple gold. Then garnet sandpaper. This new sandpaper is made of garnet chips and cuts better and lasts longer than ordinary sandpaper.

Why do I collect derelicts and has-beens outside of the financial reason? Because it's a game. A chair or table with legs missing and epidermis ravaged just challenges me to the boiling point. I can't resist them.

Then there is another reason. I love to rip out the stuffing in old chairs in the hope of finding a hundred-dollar bill of the very olden days. To date I have not found any. I have an uncle who has been at this same game (professionally) for thirty years and I asked him if he ever found any money this way. He admitted he had, once. Ten cents was the find. But the other day he bought a chair for twenty dollars, remove about eight pounds of assorte

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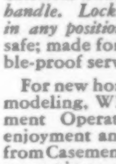

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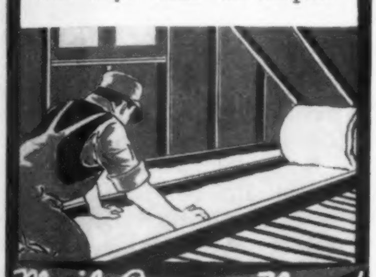

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paint and discovered he had one of the very earliest chairs ever made in America, worth one thousand dollars.

There is no use in succumbing to a disease of this sort unless you like the medicine of removing paint. All old furniture seems to be loaded with various vintages of paint. There is the early ox-blood, Rhode Island green, common house paint and a particularly vicious brick-red paint which defies everything and everybody. I used to take off the stuff with paint-remover but lately I have taken up the scraper. It is cleaner and once paint is off, it's off.

There are scrapers and scrapers. Any old piece of thin, flat steel will make a good one. But it isn't the scraper that does the trick; it's the edge you keep on it. I sharpen mine to a razor edge on a carborundum stone, then burr over that edge with a few strokes of the file. That little burr is the thing that digs right into Old Mr. Paint and removes him painlessly.

Well, that's how it goes. It sounds like a great deal to learn, and as a matter of fact, perhaps it is. But once learned, it is twice as easy to proceed and to get real results. Moreover, not only does it sound, but it is, a great deal of work. But there is no counting in pennies or hours the satisfaction (in spite of what I may say) of seeing a derelict come back to a long life of use and beauty, under your own ministrations. There is a feeling of real creation in this, a feeling of achievement measured in very practical terms.

Ah me! The open season of auction sales will begin any day now. The wayside antique dealers will be getting out their relics and spreading them around the barns and front lawns. Pathetic invalids in old pine and maple will be brought outside into the sun to stare at the passers-by. I can almost smell them in the air. The auctioneer's raucous voice is about to be tuned up. It looks as if it might be a year of bigger and better derelicts than ever.

And oh how I dread it!

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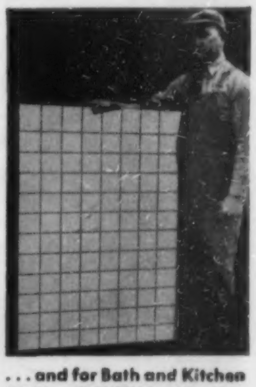

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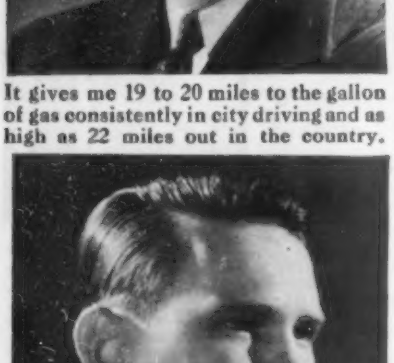
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## An apartment garden

[*Continued from page 65*]

Ageratum; excellent bloomer.

Sedum: acre (Golden Moss), stoloniferum (dusty-pink blossoms held up above thick compact leaves).

Iris, tall, bearded and dwarf pumila.

WILD PLANTS transplanted and doing well—

Christmas Fern; Maidenhair Fern; Violets, purple and white; Troutlilies (also called Dogtooth Violets); Trailing Buttercups; Field Daisies and Black-eyed Susans; Woodbine; Wild Geranium; Native Azalaes; Wild Cherry seedlings making nice bright green backgrounds and good corner fillers.

BULBS

Tulips, Cottage with a few bronze Darwins; Grape Hyacinths; Snowdrops; Crocus.

### *Physical requirements*

*Drainage.* Adequate drainage is tremendously important. Practically all New York backyards start off with one drainage hole which is usually clogged up. At least three drainage holes should be supplied. These can be very simply made by digging a deep narrow hole, placing broken bricks and flower pots in the bottom and inserting the end of an old lead pipe, the top edge of which should be flush with the surface after hole is filled up. Surface should be slanted in gradually to make a slight depression towards center. This form of drainage is only to carry off surface water.

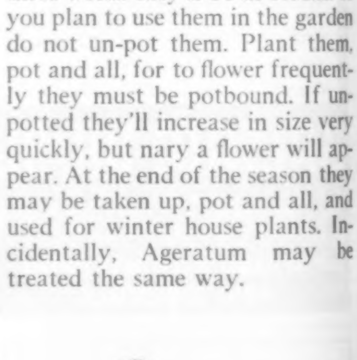
*Soil* should be thoroughly loosened in the beginning and kept loose. Spading to a depth of two or more feet is not too much. The introduction of peat moss helps the looseness of the soil and is a method of moisture retention. Peat moss may also be used as a surface mulch during the summer but when used in this fashion requires much heavier watering than ordinary. Digging in coal ashes and wood ashes is also beneficial to the soil. The majority of city yards require a great deal of prepared chemical plant food to counteract sourness, acidity, and deficient chemical content. Thorough preparation in the beginning will mean very little work along these lines for successive seasons. When using commercial plant foods it is advisable to follow directions implicitly. A too generous use results in rampant and leggy stems and foliage and, if any, infinitesimal flowers.

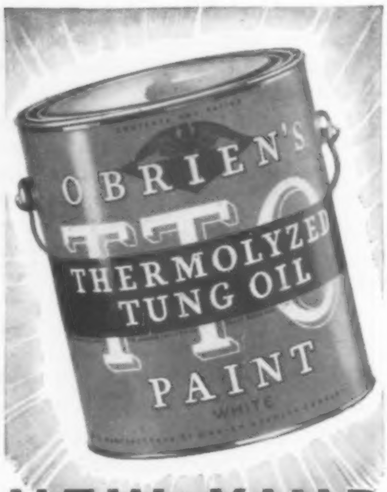
*Cultivation.* That never ending operation of keeping the soil loose and friable must be done assiduously in the city garden. Inadequate drainage or too heavy watering, when the water remains on the surface and puddles, forms a cement-like crust after the sun hits it. If allowed to remain crusty, the soil soon strangles the plants.

*Watering.* Should always be done with a fine spray and takes much more time to thoroughly moisten the soil than you have any idea of. Pot watering is both tiresome and inadequate; that is, of course, unless time and fatigue mean nothing to you. We found that rather than watering every evening, a very thorough soaking twice a week was productive of better results. By thorough we mean running the hose, with the fine spray turned on, for two to three hours at a time. We used the picket fence to hold the hose at various angles so that every part of garden benefited for even the greatest devotion is apt to balk at holding a hose for that length of time. A whirling spray attachment that rests on the ground is very good.

For those plants in the rock garden that require more moisture than the usual run, terra cotta flower pots were sunk in the soil at various points. An inch or so of fine pebbles was placed in the bottoms and the pots filled with water during those awfully hot spells New York seems to thrive on. The water seeped out gradually and kept the plants in a beautifully healthy condition.

*Note:* All metropolitan florists concentrate on Geraniums for spring and early summer. They seem to thrive on the weather-abuse a New York summer gives plants. Geraniums are continuous bloomers, so purchase un-flowered plants and within approximately three weeks they'll be in bloom. If you plan to use them in the garden do not un-pot them. Plant them, pot and all, for to flower frequently they must be potbound. If unpotted they'll increase in size very quickly, but nary a flower will appear. At the end of the season they may be taken up, pot and all, and used for winter house plants. Incidentally, Ageratum may be treated the same way.





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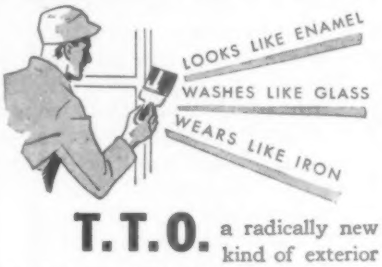

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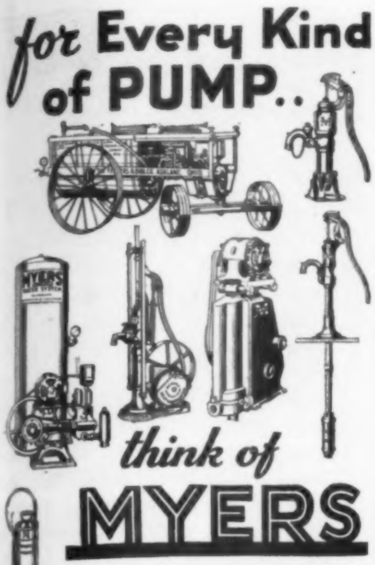
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## This work is their blessing

[Continued from page 38]

Frances seems to like them. Why? One of the reasons is that her room is really her own; she has placed her own furniture, bought her own curtains, embroidered her own guest towels, and arranged the flowers in the vase on her desk.

Jack's tool chest, that might be only a plaything, serves the house. The boy feels important and responsible when he is asked to mend and tinker.

Too, a task becomes a child's own when it has been made habitual. We are often surprised at a boy's willingness to rake the lawn twice a week, to fire the furnace every morning, to wash the car every Saturday. Surely that is boresome, we think; why does he do that so willingly? Work that is habitual becomes his own because he does not have to be reminded of it, he does not have to be told how to do it. Because no one tells him to do it, he begins to think he has volunteered; because no one has to tell him how to do it, he begins to think he has thought through his own methods—and perhaps he will in time. This is one secret in teaching our children to serve with pleasure in the serving: we must find routine tasks for them, and let them take the responsibility for remembering and for doing.

And one thing I should not have to say, though I know I must because I share with everyone who has worked with children the guilt of having thoughtlessly committed this sin against them: work should never be given to a child as punishment. It is hard to remember this because the chastisement seems to be so just when we say, "Frances, you have disobeyed me today and you may tell Mary that you cannot go home with her. You had better clean out your closet this morning." When we do that we associate forever the idea of cleaning the closet with the unpleasantness of punishment.

The habit of rewarding all work with pay is destructive of the right attitude toward work. Labor brings a reward in accomplishment —and that reward should be felt above all others. Destructive, too, is the habit of asking a child to "do this for mother." If that appeal is made often he looks to mother for a reward in too constant appreciation for everything he does. Work for its own sake is the straightest road to self sufficiency and happiness.

When a child's work is bracketed with his father's he finds it satisfying; school work, work he does at home in creative mood, or work that is his, habitually, should be respected; he should be expected to

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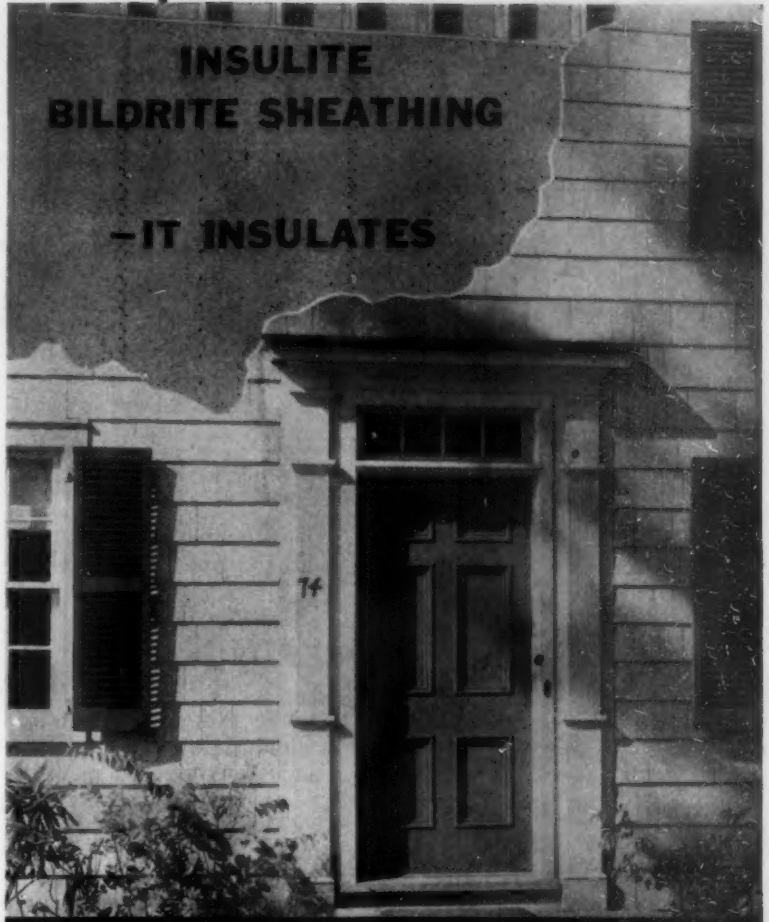

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do "his job" well, as his father does his; when he goes to school he goes off to work and when he does his homework at night it is still "his job." This kind of respect for his work will give it dignity.

With the ideal of work as a satisfying thing goes the ideal of service. Joy in labor will be followed by joy in service, if work is presented as it should be. Looking after our own needs is important; that must come first; that being easy and satisfying, we shall want to help someone else.

I knew a child whose service grew out of labor that would have burdened an adult. A little girl, her dress washed almost clear of the flowers printed on cotton, her braided hair tied with torn strips of gingham, she was as cheerful in poverty and eager to serve as one of the little Wiggses in the Cabbage Patch. She was anxious, always, to be allowed to stay after school to wash the long wall of blackboards. Watching her one day washing in wide clean circles I asked her what experience she had had in scrubbing. She answered, with the old American pride in labor, that she washed dishes for her mother every day after school because her mother kept boarders and there were so many dishes. Sometimes she scrubbed the bathroom floor if she didn't have too much homework. My conscience hurt me then to keep her there, but I knew it was her pleasure to serve at school because she had served at home.

Of course we do not want our children to work when they should be out in the sunshine; we do not want them to develop work neuroses. They must have lots of time for play and puttering, for friendships and for laziness. These legitimate recreations are more enjoyable in contrast with the purposefulness of work.

A healthful attitude toward work is a hard thing to give. It means loving our work and living our love for our work so that the children may see our joy in accomplishment. It means finding work for a child that is his own because it is creative, habitual, or otherwise satisfying. It means that work must not be associated with punishment. But it is a great gift, one that grows with use, one of the few fine things that *can* be given.

Every child needs to feel about work as Henry Van Dyke felt when he wrote:

"This is my work; my blessing; not
my doom;
Of all who live, I am the one by
whom
This work can best be done, in the
right way."

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## Take one barn on a hilltop—and live

[*Continued from page 73*]

Cubes beautiful in their solidity. A table, but a circle with cut in shelves. A bed wide and low, its back pointed to reach with the trees which soon would brush against the bedroom windows. A dressing table looking like a contented semi-circle, but opening into triangular and space saving sections. No sideboard or buffet but a series of lovely cubes in two-toned wood with graduated steps for great, green goblets, for the Italian cups of buttercup yellow and for amethyst bowls. And did these gay necessities respond to their out-of-the-cupboard-freedom! As long as there was a thread of sun in the room they winked and flirted and were very jocund company indeed. But, we must have a dining room table, though there was no dining room. We did, it's a ten-foot plank of richly grained red wood, supported by a triangle of pine. Waxed to within an inch of its life it found its natural place plump across the enormous window that was once the barn door. I wouldn't trade that table in that window for the choicest table in the choicest window of the Rainbow Room in Radio City! Today after all these years, it's still a thrill to breakfast there. And since breakfast in the city is something to endure, and the family is the same in both cases, it must be the place that's responsible. And up and down and across the little panes of the enormous glass strut dozens of bottles—one time containers of one time potent and then illegal potions. Ruby and amber, green and midnite blue, saffron and amethyst, yellows and ox blood reds. And the sun likes to play on such receptive wares and who could start off the day gray and gloomy in such a riotiously colorful spot! And over cigarettes and coffee when dinner is over, we talk. And when all the color has faded from the skies and the lights flash now and then from Utica way over the hills, it's time for the children to go to bed. Sometimes so very protestingly—I fear we have no "gentle Alices." Our three "go native" out here with a vengeance. But, at last they're off to bed and so have disappeared the last rays of light. Then a fire is laid and I sit on the great wide deep divan close to the fireplace. And perhaps I stretch a languid arm for a book from the tailored little cases that flank the ends of the divan. But often, I don't open the book, for I'm full of all this outdoors where I've lived all day and I'm very contented

LOOK
WHAT A LOVELY
COMFORTER I
MADE FROM FREE
MOUNTAIN MIST
DESIGNS!
DMB

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*Handles Like Cloth!*

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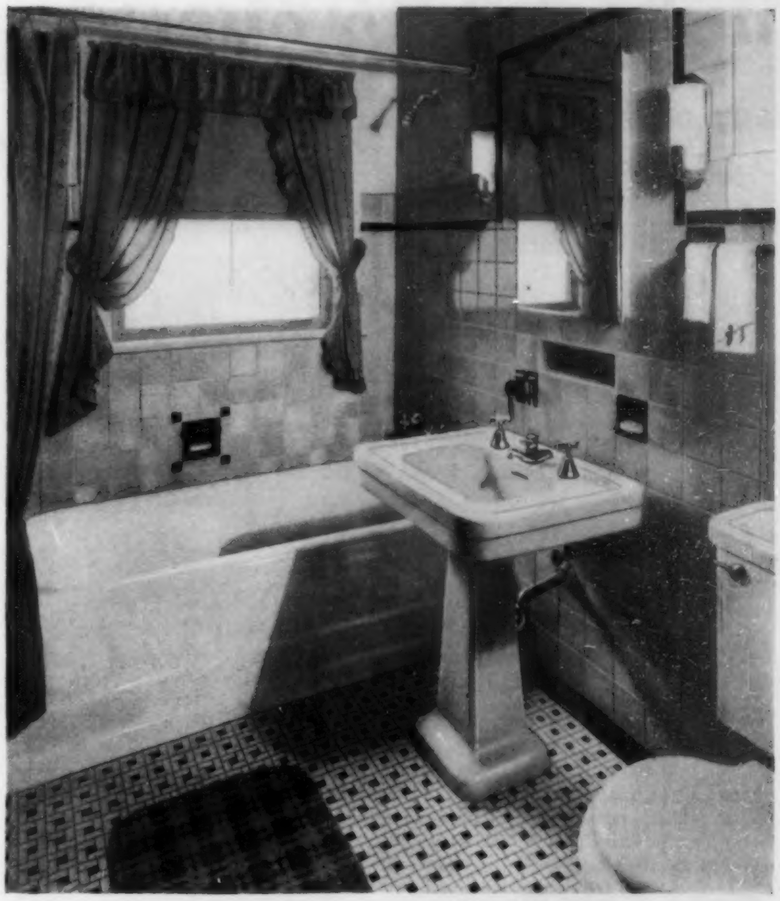
and I look straight up—way, way up into the dusky, yes and perhaps dusty (who *could* reach up there!) heights of our living room and I remember that once swallows made their nests up there and that on an autumn evening six years ago, we dispossessed the swallows—and I'm sorry for the swallows but so glad for us.

The Barn is still a-growing. A porch meant longer hours out of doors, so a porch was built, for a while it had only a canvas top since the Depression hadn't been so temporary after all, but now it has its own top and on rainy days that porch makes "the grandest house" for my three children and the neighbors' thirty-three.

There isn't a suspicion of what the garden clubs would approve of in the way of a garden. But if this soil of Russia is stubborn, I'm stubborner and I have bushels of flowers for the Barn, larkspur, and African daisies, delphinium and lemon lilies, plenty to fill the house bowls to overflowing and leave the garden still a vivid spot on the port side. And I have a gate! Fancy a New England girl living in the country without a gate. It would have been something more than we could manage financially to fence in all these acres so I put a gate on one side of my garden. Maybe it thinks it's guarding the garden but I know it's there simply because I want a gate, even if it does lead to Nowhere. Outside the Dutch door, there hangs an old lantern, picked up on the Cape a few years ago. It's probably still disconcerted at this inland scene it looks upon with the help of a Mazda bulb. What a come-down for a sea-going, oil-burning lantern! But the most-died-in-the-sea-mariners must sometimes come to port and I feel that perhaps our nautical beam is at last content to light our friends across the field to the Barn Door.

A big cow bell keeps company there with the sea going lantern though we have no cows. This cow bell calls my own blue ribbon herd home. They can hear it even when they're far from the sight of our neighbor the drumlin—the gate that leads to Nowhere and the sea going lantern that looks on Mohawk Valley hills.

Spring is shy up in these northern hills, but just this very minute some lusty, roustabout of a wind must have stirred the cow bell on the Barn for I vow I heard it distinctly. I think it's time again to go out and meet the spring on our Hill-top so tomorrow we're off again to the Barn.



*This Crane bathroom includes a* CORWITH *tub with* REFRESHOR *Shower,* NORWICH *vitreous china lavatory and* MAURCLONIA *closet*

**A Delightful Crane Bathroom That Could Be Yours**

***The Cost? Only $457 complete!***

LIKE most lovely things for the home, the Crane bathroom pictured here was first just an idea in its owner's mind. But it came to life one day in the Everett W. Page residence, 608 Bonnie Brae, River Forest, Illinois, when it was decided the old bathroom had served its day.

Fine new tile walls with integral soap and towel fixtures, tile floor, Crane bath, shower, lavatory, closet and medicine chest—even new lighting fixtures, shower curtains and drapes were installed. All labor and material cost only $457. So, you see, this bathroom really *could* be yours!

Each Crane fixture in the Pages' home is a thing of beauty and convenience—the fine, easy-to-clean vitreous china NORWICH lavatory, for instance, with a SECURO lever-action waste that drains quickly, *stays put.*

Here's how easy it is to have a Crane bathroom: No money down, three years to pay, and everything is included in the job—carpentry, decorating, plumbing and all fittings and fixtures. A $457 bathroom would cost only $14.69 a month on the Crane Finance Plan, and it's all yours!

**Quality In Every Hidden Fitting**

With a Crane bathroom, kitchen, laundry or heating system, quality extends beyond mere appearance to every hidden pipe and fitting. The "working parts" are of sterling quality, you may depend on it!

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*2000 sheets, extra strong tissue*

Satin Tissue is smooth, soft and sheer, yet tough in texture. Above all, it is pure and safe for everyone's use. It comes in *Pure White* and "natural," and attractive colors. Roll fits all fixtures, but contains 2000 sheets, more than double the ordinary. 25c a roll, or in 4-roll cartons at drug, department and better grocery stores. Or write to A. P. W. Paper Co., Albany, N. Y.

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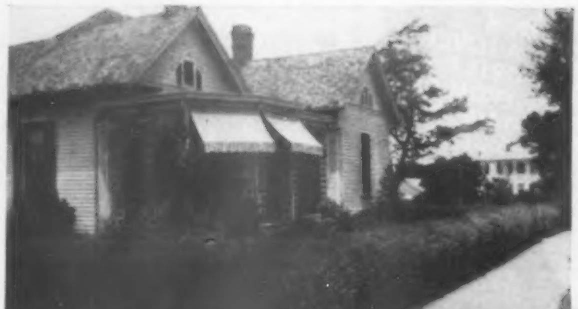
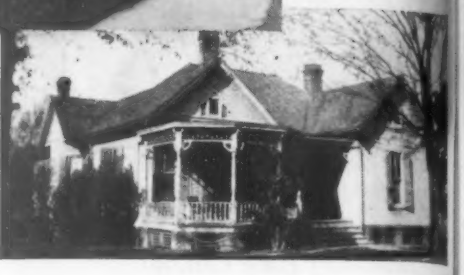




## *Trellis transformation*

MABEL ROSE LEVY

IT NEEDED imagination to see any beauty in this place when we bought it—no shrubbery, ramshackle fences. Practically no soil on the hard lime-rock yard, and in the back, this yard was a picture of desolation—heaps of ashes, tin cans, broken bottles, and the neighborhood cows, dogs, and children roamed in and out at will.

The first thing I did was to plant a hedge entirely around the place. A friend gave me privet seedlings and cuttings from time to time, but the school children rode over it with their bicycles and killed it. My friend was generous, however, and I tried again and now have a high green wall surrounding my back garden, while we keep the front hedge cut low. In the side high hedge I have a curved top trellis and at the back gate, another which has a curved gate.

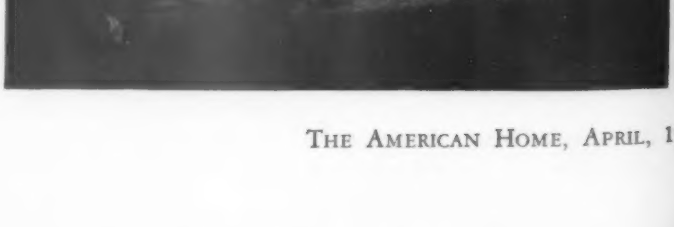
My foundation planting is largely gifts from gardening friends, although for several years on Christmas and birthdays we gave each other evergreens, or garden benches, or bird baths, regardless of what gift might have been preferred. To this good day my daughter gives me a Tree Peony every Mother's Day.

My yard was beginning to please me but every time I walked up the street and saw the banisters and gingerbread trimming on my front porch I would say to myself, "If I *ever* get any money, I'll build a new porch." But there never was any money for remodeling and the porch got on my nerves.

My husband delights in doing odd jobs around the house, so I conceived the idea of tearing out all that unnecessary decoration and putting up trellises. He did all the work at odd times, and the actual money spent was so little that no one need be deterred by the expense. The transformation was marvelous.

The house has an air now and the trellises are in keeping with my white cottage with green blinds and the dwarf Boxwood by the walk. It looks homelike and comfortable and the Van Fleet Rose and Coralvine wind in and out of the trellises and yet do not hide them.

If you look closely at the snapshot you will see that I have blinds at the front door. These are screened inside and answer the purpose of a screen door and also keep out glare and dust and give



The MUSETTE

*Occupying less floor space than a 2'x5' rug, the MUSETTE has a standard 88-note keyboard. Above you see the charming Colonial Model, in Mahogany. $295, f. o. b. New York.*

**Perhaps you have already heard your friends talking about the MUSETTE, the new type Piano which fits so nicely into today's decorative scheme because of its small size and charming lines — yet possesses the tonal depth and beauty usually found only in larger and more costly instruments.**

**Unique in construction, styling and performance, The MUSETTE is one of America's fastest selling Pianos. Leading Piano Merchants everywhere display The MUSETTE.**

**Send for handsomely illustrated 16-page descriptive Catalog, showing all designs and explaining how custom-made Models may be built to order. Regular models include Colonial (illustrated above), Federal, Sheraton and Louis XV — available in Mahogany, Walnut, Maple and Ebony.**

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**POPULAR MECHANICS**

the hall a cool shady look in summer while adding to the quaint outside appearance which the trellises give.

In fact I am sure that every tramp, peddler, and agent who comes up my walk has a vision of a quaint, sweet-faced old lady with a cookie jar in her right hand and no sales resistance in her soul! Since I am neither quaint, sweet faced, nor old I fear they must feel that the trellises misled them—but when *I* come up my walk, I am reminded of a little poem I read before I bought my home.

"A wee white house just big enough
For two or three
Set in a little garden plot
With flower and tree
A low green hedge to circle all
Lord, grant it me!"

---

## Dollar Ideas

[*Continued from page 56*]

white potato salad. It gives it a golden appearance and a piquancy quite intangible. Mrs. Ross Baxter, Binghamton, N. Y.

### Stickless Raisins

To chop raisins directly from the box, heat food chopper in boiling water and then raisins will go through without sticking. Miss B. Fitzpatrick, Hartford, Conn.

### Cleansing Material at Hand

When using a pail in housework, it is helpful to get an inexpensive wire soap dish and hook it to side of pail. Soap, brush, or cleansing material is conveniently available in this way. Mrs. A. H. Clement, San Mateo, California.

### Preventing Pie Shells from Burning Around the Edges

A small brush made of brown paper or waxed paper dipped in the same kind of shortening with which the pie crust has been made and rubbed around the edges of the crust after it has been filled and put in the oven for a second cooking and has begun to get very hot will prevent burning and make the crust even more delicious. The process may be repeated if it takes the pie very long to cook. Mrs. C. P. Cake, Mt. Gregor, N. Y.

### To Wash Rice

It is so quick and easy—just put your rice in a good sized bowl with plenty of water. Beat well with the egg beater. Mrs. Mabel R. Fowle, Newton Center, Mass.

[*Please turn to page 94*]

**"PERFECT!"**

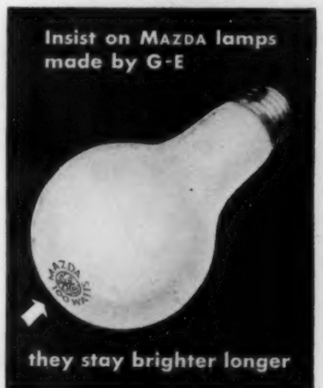
**SAY A MILLION PAIRS OF EYES**

ISN'T IT GOOD LOOKING AND IT COSTS SO LITTLE
THIS IS WHAT I CALL REAL READING LIGHT
CERTIFICATE AS TO COMPLIANCE WITH I. E. S. SPECIFICATIONS
I·E·S

*I. E. S. Better Sight Lamps are now available in a wide variety of styles . . . floor, table, and wall models. See them at your lighting company, department or furniture store, or at your electrical dealer's . . . Be sure the lamp you buy carries this authorized Certification Tag.*

**"This is what I call good reading light"—"These people certainly hit the nail on the head when they designed these lamps"—"They're as good to look at as they are good for the eyes."**

**Of course people think these lamps are right for seeing purposes. For they were especially designed to provide proper lighting for reading, sewing, studying and all close-seeing work . . . lighting that is free from harmful glare, ample over a table or working area, and diffused throughout the room to give general illumination.**



**That's why lighting and eyesight specialists recommend these I. E. S. Better-Sight Lamps for close-seeing tasks. To be sure that you enjoy all the sight saving benefits these lamps offer, equip them with genuine Mazda lamps made by General Electric . . . the kind that *stay brighter longer*—the kind that give you the maximum of light for the current they consume. General Electric Company, Department 166, Nela Park, Cleveland, O.**

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a Window that Watches
YOUR FUEL BILLS

They say that the ordinary windows in a house even when closed leak as much heat as would a wide-open window. But that's all changed now, since *Curtis* perfected the new *Silentite* Window Unit—a real "insulated" window.

It's a wood window, too, with all wood's warmth, beauty and hominess. It always slides freely on all metal-to-metal contacts. It's dipped to prevent rot. Far less heat escapes. Fuel savings run as high as 25 per cent. Wind cannot enter your home to cause unhealthful drafts. Smoke and dust can't blow in, to run up cleaning bills.

Gone, too, are the sash cords that used to break—the weights and pulleys that used to jamb. There's no more binding—no more seepage from rain or snow—no more rattling. And *Silentite* Windows are so well made that even a child can raise or lower them with ease.

You'll see the new *Silentite* Window Unit in the new homes that are going up and in many remodeled dwellings. And in every place they'll more than save their cost. Why not learn more about the window that watches your fuel bills? Mail coupon, now, for interesting booklet.

*"The most beautiful and homiest window ever built."*

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THE "INSULATED" WINDOW

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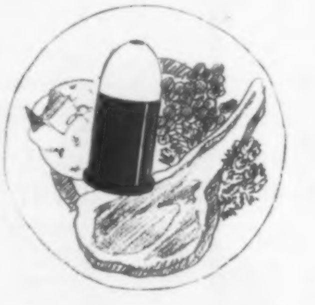
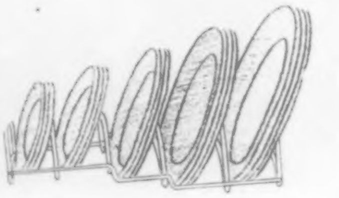
## Of interest to you?

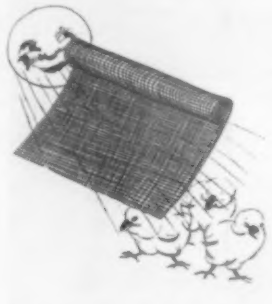
EIGHT different colors in salt shakers are afforded in the Sta-Dry salt shaker sets. A balanced weight closes the valve in the top when shaker is in an upright position. No possibility of the corrosive effect on any of the parts in any kind of weather.



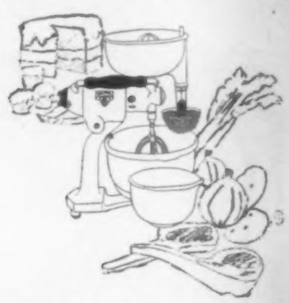
Storing plates vertically takes less room than stacking and makes it easy to use *all* plates in turn. This rack is rubber covered and holds a dozen each of five sizes, all the way from butter plate to dinner size. From Lewis and Conger.



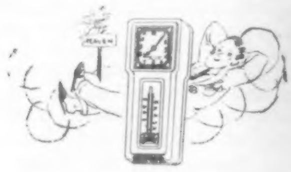
A product very interesting to home owners, gardeners, or poultry raisers is Cel-O-Glass, a transparent plastic-coated material on a wire mesh base, which admits the ultra-violet rays of the sun and filters out the infra-red rays. It is useful in making hotbeds, coldframes, and row covers in the home garden. Good also in poultry houses where there are young chicks. In homes it will be beneficial in the nursery or sunroom. It is a new du Pont product.



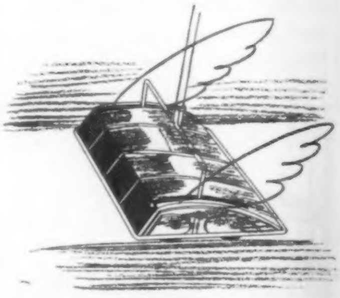
The Sunbeam Automatic Mixmaster with all its various attachments does all a first-grade mixer should do—beats, mixes, chops, etc. But in addition it is provided with power control at every speed—it never slows down or stalls. Then, too, it has a leak-proof oiling system for the beater bearings.



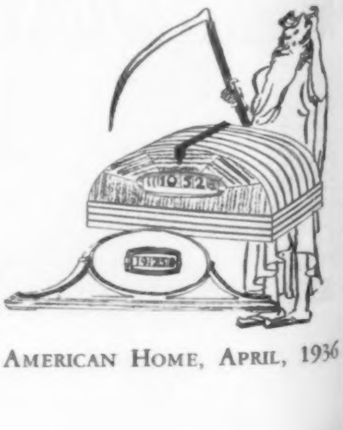
With a desire to perfect complete automatic heat control, engineers have produced the Chronotherm. It feels temperature trends forty-eight times a day and makes adjustments before the home can become uncomfortable or dangerous to health. During sleeping hours the Chronotherm automatically lowers heat to a desired healthful temperature, and is available with week-end shut-off or with week-end and adjustable holiday shut-off. Its silver finish enables the Chronotherm to harmonize with backgrounds. From Minneapolis-Honeywell Regulator Company.



Streamline design has entered the field of carpet sweepers too. The Bissell is of such design, very easy to operate, and quiet in operation.



Telling time in the modern manner is done with the Pennwood electric clock. The one illustrated is the Mercury which was created by one of the foremost designers. It combines the delicate, creamy grain of Aspen with the richness of imported Thuya Burl Walnut. Its dimensions are 9½" wide, 6" high and 3¾" deep.



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RUG HOLDER
*Simply laid under the rug*

- Takes the falling hazard out of rugs.

Keeps them smooth. Will not mark floor.

Odorless. Made of clean ground cork and Manila fiber.

Greatly aids vacuum cleaning.

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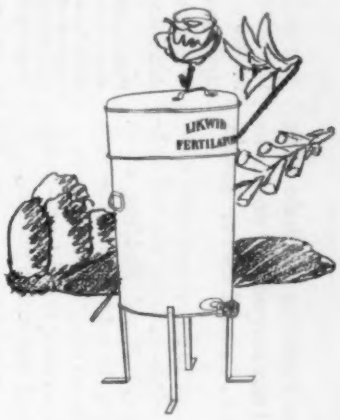
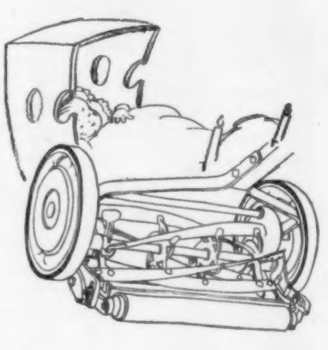
FREE . . . a generous sample of Mello-glo—also how to get a $1 bottle of exquisite perfume absolutely free. Just mail your name and address to Mello-glo Co., Dept. 116, Statler Building, Boston.

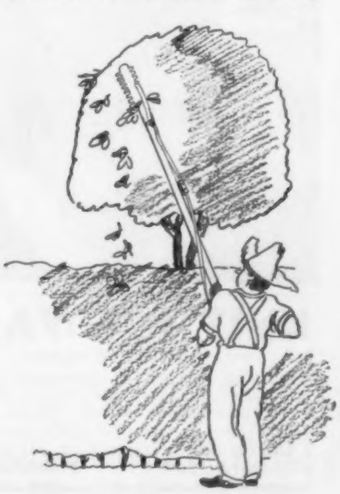
The Likwid Fertilator below converts any fertilizer into clear, rich liquid for use with sprinkling can. It is made of heavy steel; the height is three feet and capacity twelve gallons. To use—commercial fertilizer or manure is put in a compartment and water poured over it. The water filters over it slowly and produces an odorless fertilizer useful in the garden.

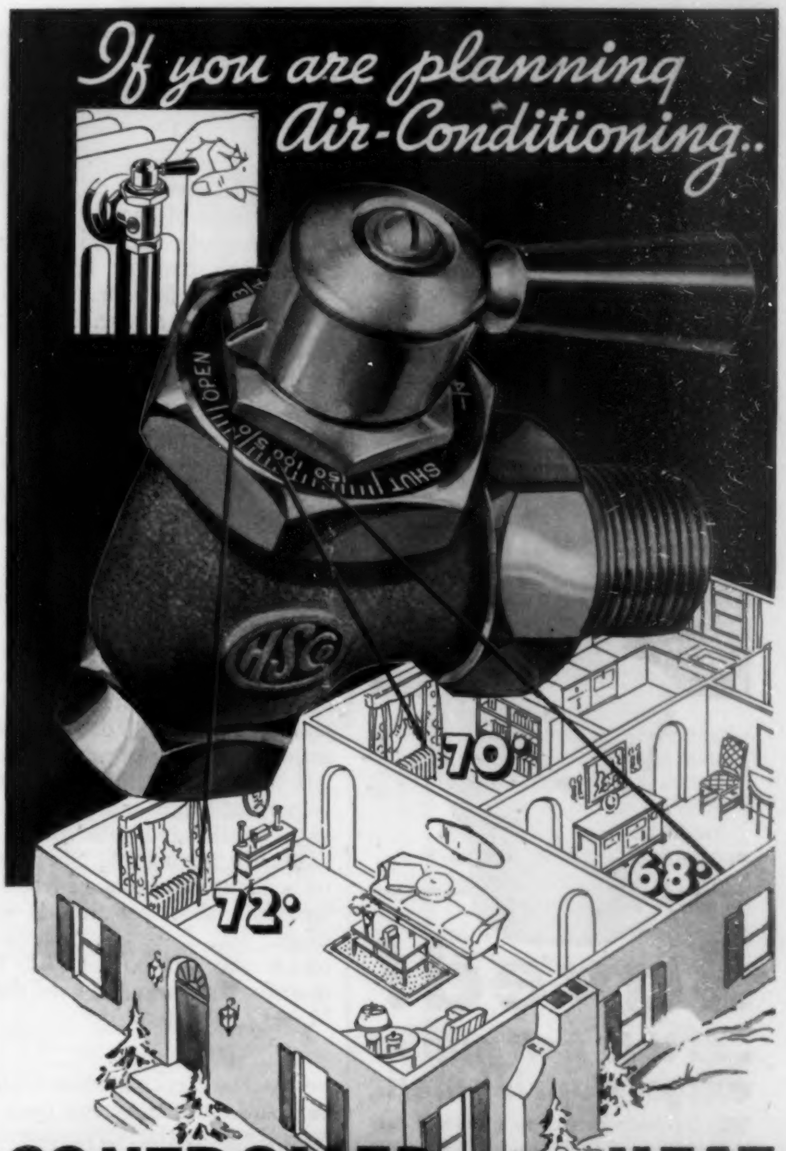


"Quiet-Mo" Lawn Mower, made by the Worcester Lawn Mower Company, has soft cushioned rubber treads that eliminate noise and clatter, absorb the gear noises, and deaden the ringing rasping sounds. It is so quiet that it need not even wake a napping baby, and certainly will not annoy the neighbors, if you happen to have an early morning impulse.



For tall shrubs and high hedges is this "Hedgshear" trimming tool, to keep things well under control during the summer. It will spare you all kinds of straining and stretching and be efficient besides. Syracuse Toolectric Mfg. Corp.





CONTROLLED RADIANT HEAT

GIVES BASICALLY CORRECT HEATING
WITH INDIVIDUAL ROOM CONTROL

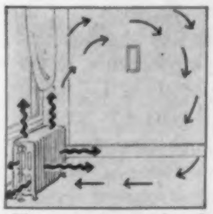
Satisfactory air conditioning, authorities agree, is about 85% dependent upon proper heating. Therefore, *radiant* heat, as furnished by radiator-equipped systems, must be considered the logical type of heat . . . *with air conditioning equipment installed as a separate unit.* For, by all standards, radiator heat provides the most satisfactory distribution of heat and is most easily controlled.

Hoffman Controlled Heat, a vapor-vacuum system, furnishes an ideal method of heating as a basis for true air conditioning. In this system the heating units are placed where they belong—*under the windows.* Thus, in-leaking cold air is thoroughly warmed before circulating through the room and there is no stratification of cold air along the floor.

When auxiliary air conditioning equipment is installed in conjunction with Hoffman Controlled Heat, the ultimate in comfort is achieved. The conditioning process is not dependent upon the heating plant and functions whether or not heat is being supplied.

In addition, this system delivers to each room as much or as little heat as desired. A finger's touch upon the lever of the Radiator Modulating Valve instantly increases or decreases the heat output of that radiator. Likewise, fuel consumption is only in proportion to the demand for heat—a notable economy feature.

Hoffman Controlled Heat equipment is adaptable to any type of steam boiler and its cost is no greater than that of any other good two-pipe system. Write today for full information. Hoffman Specialty Co., Inc., Dept. AH-4, Waterbury, Conn.



*Note even distribution of warm air from radiant beating unit.*

HOFFMAN
CONTROLLED HEAT
*Also Makers of Venting Valves and Hoffman-Economy Pumps*

**Saved!**

***. . . this half cup of extra nourishment***

**The liquid in this cup came from carrots cooked in Patapar. It contains carotin, minerals, and carbohydrates. All valuable elements for flavor and nourishment. This wholesome liquid is, in fact, from the heart of the vegetable.**

**Do you see what has happened? The carrots have been cooking in Patapar *in their own nourishment.* That gives them that indescribable fresh vegetable flavor. And, what is more, Patapar has *saved* this half cup of nourishment. It is not poured down the sink! The family is that much ahead. Here's a gift of vegetable broth — that can be used for soups, sauces and gravies.**

**Try it!**

*Juices sealed in.*

**Why don't you try it out tomorrow? Decide that the juices of the fresh vegetables you buy had better not be poured down the sink. You can get Patapar for 10c or 25c (recipes and instructions in every package). Or, if it's easier to get it by mail, send the coupon below.**

**Patapar**

**FOR COOKING AND HOUSEHOLD USE**

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Enclosed find $______. Please send me immediately_____packages [10c / 25c] of Patapar, including recipes and instructions.

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# *Right from our own kitchen*

HAVE you used the new Pineapple Spears yet? They are long sections of canned unsweetened pineapple, and are delicious baked with ham or bacon and served piping hot, or used with other fruits as a garnish in iced beverages.

* * *

Here's a cookie recipe that I know will make a hit with your family. It is good to serve with tea, or wine, or iced beverages. *Maple Nut Cookies:* 4 cupfuls sifted flour, 3 teaspoonfuls baking powder, ¼ teaspoonful salt, 1 cupful butter, 1 cupful brown sugar (firmly packed), 1 cupful white sugar, 2 eggs, 2 cupfuls chopped nut meats, 1 tablespoonful maple extract. Sift flour and measure it, add baking powder and salt, and sift all together again. Cream butter and add sugar gradually. Cream together until light and fluffy. Add eggs, vanilla, and nuts. Add flour gradually, mixing well. Shape into rolls, about the size of a silver dollar, chill, slice, cut into ⅛-inch slices, and bake on ungreased cookie sheet in a hot (425°F.) oven for 5 minutes, or until done. Makes 7-8 dozen cookies.

* * *

Try these Chocolate Nut Wafers on your family and watch them sit up and take notice! *Chocolate Nut Wafers:* ½ cupful butter, 1 cupful granulated sugar, 2 eggs, 2 squares (ounces) bitter chocolate melted, 1 cupful chopped walnuts, ¼ teaspoonful salt, ¼ teaspoonful vanilla, ⅔ cupful flour. Cream butter and add sugar gradually. Then add eggs and mix thoroughly. Now add melted chocolate, nuts, salt, vanilla, and flour. Drop by teaspoonfuls one inch apart on buttered cookie sheet and bake in moderate (350°F.) oven for about 8-10 minutes or until done.

* * *

Oatmeal Crisps are a grand cookie and good for the children. Here's the recipe. *Oatmeal Crisps:* 1 egg well beaten, ½ cupful granulated sugar, 2 teaspoonfuls melted butter, 1 cupful oatmeal (uncooked), ⅓ teaspoonful salt, ¼ teaspoonful flavoring. Add sugar gradually to egg and stir in remaining ingredients. Drop mixture by teaspoonfuls, 1½ inches apart, on well-greased cookie sheet. Spread into circles with wet fork. Bake in a slow (323°F.) oven until delicately browned.

* * *

Minerals, as the word is commonly understood, do not seem much like food. Calcium in the form of marble, phosphorus in the form of phosphate fertilizers, or iron in huge pieces, do not appeal to the appetite, to say the least. Calcium, phosphorus, and iron, however, as well as some other mineral elements are indispensable building materials for the human body. Calcium and phosphorus are used chiefly, by the body, to make strong bones and teeth. Iron is needed especially in the blood. The body must get these materials through food, and a shortage of any one of them soon causes serious trouble. But there need not be a shortage, says the Bureau of Home Economics. We can get the minerals we need by choosing the foods that provide them in the form of "mineral salts," or other digestible compounds. Plants use mineral substances from the soil. We eat plants, and also eat animals that have eaten plants. And in plant tissues which compose vegetables and fruits, and animal tissues found in meats, poultry, and fish, or in animal products in the form of milk and eggs, we get those minerals in forms which we can assimilate.

Our problem, then, is choosing foods for their mineral value, just as we select them for energy, protein, and other values. And here again, foods vary. Nearly all foods contain a trace of each important mineral, and some are rich in one or more of the minerals. The food most useful as a source of calcium—milk—though rich also in phosphorus, is poor in iron. And eggs, rich in phosphorus and iron, have practically all their calcium in the shell. And so on through many variations and grades in value.

The body requires more of some minerals than of others. It requires a lot of calcium, which is not abundant in many foods, and a lot of phosphorus, which is plentiful in many foods. It requires only a little iron, but that little is hard to acquire because even so-called "iron-rich" foods contain very little indeed. However, nutritionists simplify the problem somewhat when they tell us that if we make sure of the calcium and iron, the phosphorus will take care of itself, because it comes in so many foods including those rich in calcium or iron.

Children particularly need plenty of calcium. A shortage of calcium or phosphorous in children's food means stunted growth. The bones either do not develop, or they are weak and fragile and the child may develop rickets—a wholly preventable disease which leaves crooked bones or other deformities for life.

As both these minerals, calcium and phosphorus, are plentifully supplied by milk, more easily and economically than by other food, nutritionists recommend plenty of milk in the children's diet—a quart a day at least—to make good strong straight bones. Adults need calcium to keep bones and teeth in

**Royal Chocolate Pudding is made with healthful arrowroot. It cooks in 5 minutes . . . and never lumps**

Why spend 20 minutes or more making chocolate pudding the old-fashioned way? Royal Pudding cooks completely in only 5 minutes—with no lumps, no raw, "starchy" taste.

And the flavor is delicious—as fine as the best homemade pudding.

You see, the base of Royal Pudding is arrowroot, a form of starch that cooks *quickly*—and digests faster than cornstarch or tapioca.

Your whole family will enjoy this delicious, creamy pudding. *Try it!*

**FREE—Beautiful New Illustrated Recipe Book:** Send front from Royal Pudding package with name and address, and receive "Royal Desserts and Salads." Royal Puddings, Products of Standard Brands Incorporated, 691 Washington Street, New York, Dept. R-24.

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*Ti for Two*

Beauteous Hawaiian Islanders, fun-loving, derive great pleasure from sliding on ti leaves down grassy slopes. Ti leaves, large and handy, are natural coasters, needing nothing but a grassy hill.

As much fun as ti-leaf chuting, in Islanders' opinion, is drinking DOLE Hawaiian Pineapple Juice. Only DOLE-grown pineapples are pressed for juice. Needing nothing, nothing is added to DOLE Pineapple Juice, natural and unsweetened. Swiftly vacuum-packed by the exclusive DOLE Fast-Seal System, the refreshing, tropical flavor of fresh pineapple is retained for your perfect enjoyment in high degree in DOLE Pineapple Juice.

Hawaiian Pineapple Company, Ltd., Honolulu, Hawaii, U. S. A.— Sales Offices: San Francisco, California.

repair and it is hard for anybody to get enough calcium without using milk in some form—either to drink or in soups, chowders, cheese, or sauces. Vitamin D is necessary too for bone building.

So milk is at the top of the list of foods rich in calcium—and this means skim milk and buttermilk, as well as whole milk, fresh, evaporated, or dried and it means cheese also. Then come the greens—beet tops, cabbage, cauliflower, chard, collards, dandelions, kale, mustard, and turnip tops. Some of the syrups too, are good for their calcium—sorghum syrup, cane sugar syrup, and molasses.

Iron is not so easily supplied. There is no one food alone that can be depended upon to furnish the day's quota of iron. The best sources of iron among foods from animal sources are egg yolk, meats—particularly liver, brain, and heart, also lean meat of beef, veal, pork, lamb, and dark meat of poultry, oysters, and shrimps. In the vegetable kingdom, the best foods for iron are the green leaves, particularly turnip and beet tops, dandelion and mustard greens, watercress, spinach, kale, and broccoli leaves; dried fruits, particularly apricots, peaches, currants, dates, figs, prunes, and raisins; whole grain flours or cereals, particularly whole wheat, barley, rye, and oats; molasses, sorghum syrup, and sugar cane syrup; beans and peas of all kinds, fresh or dried; and nuts, particularly almonds and hazelnuts, also walnuts, pecans, and hickory nuts.

Each of these various types of food contains a little iron—but it takes several "iron-rich" foods to furnish a day's supply, for there must be plenty of iron in the diet to furnish good red blood.

Phosphorus is found in many foods. Particularly rich in phosphorus are milk and cheese, eggs, meat, fish, oysters, lobster, shrimp, clams, beans and peas, whole grains, cornmeal, and some of the greens—in fact so many different kinds of foods that we are almost sure to get enough phosphorus.

* * *

Bates Rubber Sponge Company has just put out two more very good articles—Dish Washer, and Handy Cleaner. The dish washer fits into milk bottles, fruit jars, cups, deep glasses and so on. Double-spring handle forms tongs for lifting dishes from hot water. The Handy Cleaner erases smudges, dirt, and dust from garments, gloves and white shoes. Removes lint from velvet and other materials, and also has other uses such as cleaning utensils, removing fingermarks from furniture and woodwork. These two articles can be found in almost any department store.—ELSA MANGOLD, Dietitian American Home Kitchen.

Chesapeake Pudding

*Royal's Surprise Recipe for April*

● Want something new to surprise the family? Something special for a "company" meal? Have Chesapeake Pudding—light as a feather and topped with sausages of crispy brownness.

But put a "No admittance" sign on your kitchen door while baking this exciting dish. The aroma from the oven is so tantalizing—your pudding may disappear before it reaches the dining room.

This delicious new Royal Baking Powder recipe is a boon to feeble budgets. Note how inexpensively it solves your main-dish problem.

Chesapeake Pudding

1½ cups flour
3 teaspoons Royal Baking Powder
½ teaspoon salt
1 tablespoon shortening
½ pint oysters
8 small pork sausages

Sift together the flour, baking powder and salt; add shortening and mix in thoroughly with a fork. Add the oysters, drained from juice and chopped, together with 6 tablespoons oyster juice (or part milk, if necessary). Spread in greased shallow pan. Prick sausages and place them on top. Bake in hot oven at 475° F. until sausages are done. Serves 8.

**Make your** Chesapeake Pudding with Royal Baking Powder if you want delicate lightness, melting tenderness and easy digestibility. Royal, you know, is not like other baking powders. It's made with Cream of Tartar, a natural fruit product derived from luscious grapes.

FREE—NEW COOK BOOK! Write to: Royal Baking Powder, Product of Standard Brands Inc., 691 Washington St., New York, Dept. 84

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2 MINUTES LATER

**Broken Furniture easy to fix with Plastic Wood**

Now . . . anyone can repair quickly and expertly— **broken furniture, loose drawer-pulls, casters and bathroom fixtures, cracks in floors, around baseboards, etc.** — with Plastic Wood—that handles like putty and hardens into lasting wood. You can paint it, carve it—it adheres firmly to wood, metal, plaster — holds nails and screws. You'll say Plastic Wood is wonderful — paint, hardware stores sell 25c tubes and 35c cans.

HANDY CANS AND BOTTLES

"To keep your sweeper running easily and quietly, we highly recommend the occasional application of a drop or two of a good, non-gumming oil like 3-in-One to the bearing parts after a good cleaning."
BISSELL CARPET SWEEPER CO.
Grand Rapids, Mich.

**3-IN-ONE OIL** is a combination of three oils, specially-blended to clean, lubricate and prevent rust. Saves repairs on all home devices. Always keep it handy.

3-IN-ONE OIL

**BETTER** . . . *than the Old Oaken Bucket*

• Can't you recall the deliciousness of water from some long-remembered well . . . water that seemed so clear, and pure, and soft its memory lingers?

Such water rarely occurs naturally. Most water, even if clean and bacteriologically safe, has hardness or some chemical content to spoil its taste. But no matter what your water supply may be, it can be conditioned . . . freed of all offending impurities. A simple Permutit Water Conditioning installation, attached to your household water supply, will give you delicious soft water throughout the house.

And conditioned water isn't only better for drinking...foods cooked in it taste better. It gets things cleaner with less soap and less scrubbing . . . makes clothes last longer. It's better for your skin and hair. So much luxury sounds expensive. But it really isn't. A Permutit installation will actually save enough to meet the payments under the FHA plan. Let us show you how. Write for free booklet.

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## Dollar ideas

[*Continued from page 89*]

### *If Pie Doesn't "Like" You*

When you want to get a pumpkin, lemon, or custard pie baked and ready to serve in a hurry, instead of spending extra time making a crust, butter your pie pan thoroughly, sift in some cornmeal, shake the pan until a good coating of the cornmeal sticks to the pan, pour in your filling and bake. For those who enjoy pie but cannot eat too much rich pastry, this is not only economical and quick, but more healthful as well. MRS. D. H. COOK, Twin Falls, Idaho.

### *For Variety*

For variety, and a delicious flavor, add boiled diced celery to macaroni and cheese, before baking. A tablespoonful of vinegar, and a few whole cloves add a delicate flavor to vegetable soup. MISS PAULINE LENTZ, Salisbury, N. C.

### *Filled Cookies From Accidents*

When you fill the muffin pans too full of cake dough, so that your muffins have big flat pancaky tops baked on them, don't bemoan their spoiled appearance. Take them from the oven, and while they are hot, with a sharp knife slice off these offending pancaky overflows. When cool, put them together with icing or fruit filling, with the browned tops outside, and serve your family filled cookies. MRS. VAN REISMAN, Oskaloosa, Ia.

### *Which is the Freshest*

How to distinguish your freshest milk in refrigerator. Keep several rubber fruit jar rings near your refrigerator. Each morning slip one ring over your fresh bottle of milk. If you have an unused bottle from the day before slip two rings over the neck of the bottle. In that way you can easily keep your milk separated. LORETTA A. MCCARTHY, Newark, Ohio.

### *Fruit Cocktails*

In making a fruit cocktail, put canned grapefruit into the mixing bowl first. It will keep other fruits such as apples, pears, and bananas from turning dark as the juice forms a protective coating. MRS. JOHN C. FRITSCHLER, Superior, Wisc.

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Never before has any mattress contributed so much comfort, or been so beautiful or enduring.

Try it. See for yourself why its many extraordinary comfort features, which no other mattress can give you, have made Spring-Air the choice of the greatest hotels and institutions in America.

*Made in the Inner-spring style or the Easy-to-Handle Sleep Cushion type. Either Tufted or Tuftless. Box Spring to match.*

GENUINE KARR SPRING CONSTRUCTION Fully GUARANTEED

**YOUR GUARANTEE**

A vital part of the Spring-Air mattress is its KARR Spring Construction — famous for its endurance — noiseless, elastic, conforming perfectly to your body. Ask for your Karr Construction GUARANTEE when you purchase. It is the strongest guarantee on any mattress.

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**FOR THIS BROCHURE telling how to have a faultless FIREPLACE**

that *really* heats, ends annoying cold drafts and *will not smoke.* Before *you* invest in a fireplace — learn the facts and avoid failure.

Write

BENNETT FIREPLACE CORP.
38 Wall St., Norwich, N. Y.

### *Pudding Molds*

Pour the batter for steamed pudding into jelly glasses to use as individual molds. Fill three-fourths full. Cover with the tin lids or with waxed paper fastened down well. The steam of cooking must not get inside the mold. Batter in the usual sized jelly glass will cook thoroughly with thirty minutes' steaming. MISS HESTER L. RUBY, Pomona, Kansas.

### *Spiced Pie Crust*

Many people leave pie crust on their plates, considering it tasteless. I have found that every crumb goes if I put spices, and sometimes coloring in my pie crust dough. A cream pie in a delicately colored pink crust looks and is good. MRS. LUELLA WARNER, Prophetstown, Illinois.

### *Handy Sweetening*

A jar of simple syrup, made by boiling granulated sugar and water for a minute or two, kept in the refrigerator is very helpful in sweetening fresh pineapple, fruit salad, or diluting chocolate syrup, etc. MRS. C. CRABILL WARREN, Ada, Ohio.

### *Cake on Short Notice*

I measure, sift, and mix all dry ingredients of my favorite cakes, etc., and place them in separate, labeled containers on my supply shelf. When I want a cake in a hurry all I have to do is add the liquid and bake. Several recipes may be measured out at one time, thus eliminating washing utensils a number of times and cleaning up the kitchen mess every time I bake. I paste the recipe right on the container so it is all there together. This surely is a time saver. MISS I. L. STEWART, Whiting, Ind.

### *Sides First!*

Try icing the sides of your cake first; then the top. This insures a smooth top, and permits you to use any extra on the top. MRS. C. M. POSTLEWAIT, Decatur, Ill.

### *Preventing Dumplings from Sticking to Spoon*

When forming dumplings, dip spoon in cold water each time just before dipping spoon in dumpling mixture and the dumplings will drop easily. MRS. HOWARD H. RICE, JR., Philadelphia, Pa.

### *Pie Baking for Small Families*

To avoid having left-over pie in the small family, make individ-

[*Please turn to page 99*]

THE WORLD'S MOST BEAUTIFUL REFRIGERATOR
And this much more in a Shelvador

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ELECTRIC REFRIGERATORS

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Cones are 5½" long—packed 10 to a carton— **$1.25** Post Paid
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A neat job instantly. No damage to woodwork. No tools needed. Set of 8 clips to match your cords, 10c. At your 10c store, hardware dealer, electric shop. Or send 10c to Justrite Mfg. Co., 2072 Southport, Chicago

# *Curtains for curtailed budgets*

MILLICENT H. BRITTON

Most of us have more or less expensive ideas on the subject of interior decoration, but too many of us cannot afford to put our ideas into effect.

Take curtains, for example. Draperies are one of the most important items of decoration in any room. Light comes from the windows and attention is naturally drawn to light. Therefore, dress your windows so that they will bear inspection proudly.

"But" says you, "good looking draperies are expensive." Some of them are, to be true, but they need not be. If you can use chintz draperies, they may be yours at very little cost. Chintz drapes are cheerful and bright and will blend with almost any type of room. Department stores have many pairs of chintz draperies at a very low price. With a little thought, they can be made into lovely things.

Pleated chintz ruffling may be purchased for a few cents per yard. That, with the welting which may be bought the same way, will remake them into "things of beauty and a joy to behold."

Select the curtain with the proper colored background, choose pleated ruffling about 2" wide, of the predominating color, and welting of a contrasting color. Sew the welting to the edge of the curtain, then the ruffling.

You can finish the job nicely by making a valance of a strip of bias edging about 1½" wide (which may also be purchased finished and folded) in the color of the ruffling, sew a row of welting and a row of ruffle to each edge of it, slip it over the outside curtain rod so that it will cover the top of your draperies, and you will have a ten dollar pair of draperies at a cost of between three and five dollars. Make the tie-backs of one row of welting sewed to one of ruffle.

Floor length draperies give length to your windows. If you prefer straight drop curtains to the tie-back variety, substitute bias edging of whatever width you prefer, for the ruffling, and use either a narrow strip of contrasting bias between the curtain and the edging, or a piece of contrasting welting.

Incidentally, monk's cloth makes stunning draperies. In this case, the edges may be trimmed with contrasting material, ball fringe, or simply by fringing the edges. As the material is thick and heavy, it is more satisfactory to hang them by wooden rings and a curtain pole.

*Modern Necessity*

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SAVES TIME

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Homeowners new and old are installing this dental lavatory. A modern improvement that "doubles up" bathroom usefulness. The children can brush their teeth while father shaves—and in a much more sanitary way. ¶The new Kohler Walcot dental lavatory costs so little that every bathroom should have one. Convenient shelf at back for tooth paste or powder, brush and glass. Easily-cleaned vitreous china. Complete with Kohler fittings for hot and cold water. Visit a Kohler display or call in your Master Plumber for an estimate. ¶Time payments, 3 years to pay. . . . Kohler Co., *Founded 1873*, Kohler, Wis.

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THIS FREE BOOK TELLS HOW TO DO IT!

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# *They that cover the earth*

## Practical uses of mulches

ROBERT ROSS

WEEDS, weeds, weeds! They surely are a gardener's headache. And somewhere, it is said: that they diminish in number each year if they are not allowed to go to seed. No matter, the only time I have felt like a conqueror of the enemy is through a cagey use of mulches and that method of attack seems to smother weeds before they even establish their strongholds. The common dust mulch keeps me in the fray all the while and if weeds have one characteristic it is persistence and of a quality much greater than my determination, so I have consequently sought about for other means of defense and discovered; well, let's see, sawdust, strawy manure, also living mulches—these are the big guns.

The Chinese and the Japanese practice mulching and they are among the oldest gardeners in the world. Their ideas of using rice straw, cover crops, and even what might be termed a water-mulch over rice paddies are tried, proven, and successful. Our farmers or rather orchardists still are discussing, pro and con, the sod and hay mulch as against a dust mulch; yet each side seems to obtain fine fruit as a result, each using his pet method as a means, and then, Mother Nature, the best teacher of all, has always used natural mulches of leaves, needles, and plants themselves, and to rare advantage. And the home gardener can, if he will, accept some of these methods and benefit in more ways than one.

The common practice is what is called the dust mulch. By regularly stirring the surface of the soil, weeds do not have a chance to establish themselves; soil-moisture in the lower regions is retained; and yet water and nutriments can penetrate and the soil be more capable of sustaining the desired plant life. On the other hand mulches accomplish all these things but the biggest advantage is in labor saving. The time usually spent in cultivation can be easily put to other tasks, for weed seeds do not readily germinate in proper mulch material. As far as soil-moisture is concerned it will be found that even in extremely dry weather the soil is cool and moist under the mulch. If handled properly, all mulches eventually add humus to the soil which is a real advantage in every way. There is another point well worth mentioning and it regards clay soil. Every gardener learns that clayey soil must be lightened with sand and also must have drainage. Clay loam in itself is all right, the trouble is it is handled badly for the minute you expose clay to the sun and weather it bakes, becomes hard, soggy, in all ways a difficult medium. But—and these are facts from observations—under a mulch clay soil is entirely different. The mulch acts as a thermostat, so to speak, and regulates the effects of sun and rain. As a result the soil is usually moist, fairly friable, and can maintain appropriate plant life. All this is true providing there is some surface drainage but that is not an impossiblity in the average garden.

Mulch materials are many and various as will be understood by the accompanying table of mulches. There is at least one material for each and every purpose; some expensive and some can be had for the labor of gathering. The French use strawy manure among both flowers and vegetables and the plants having a supply of liquid manure with every rain do not waste a great deal of time, they are so healthy and vigorous, in completely covering over the mulch material. Still unsightliness is apt to be the cry against the practice. The usual leaf mulch among Rhododendrons is unsightly and messy but sawdust or peat moss are very neat in appearance. Yet in the wild garden, leaves are much in keeping, perhaps adding to the garden in certain respects. So you see you can choose a mulch which does fit its purpose both from the aesthetic as well as the economic aspects.

My neighbor, a farmer, uses a mulch of straw with his own supply of potatoes in a unique way and has as a result more time for his other work and chores. The potatoes are cut and distributed along the hoed rows. A six-inch covering of straw is used as a mulch. Directly he seems to forget all about those potatoes except I do see him occasionally giving them a going over for bugs. They break through the straw and look fine and when ripe naturally turn brown. No back-breaking task of digging for the boys for friend farmer simply removes the straw and picks his potatoes. This might work with Tulips or Gladiolus; it's worth a try anyway, with a few bulbs first. The field of experimentation with mulches is really promising.

In new gardens where soil improvements are bound to be a part of the procedure, mulches serve their double purpose well. In old or established gardens there is always the way to save on the important task, maintenance.

### *Table of Mulches*

| MULCH | PURPOSES | REMARKS |
|---|---|---|
| Leaves | Shrub beds—Wild garden plantings | Can be turned under in early fall before a new supply is added, supplying humus. Best in wind-protected spots. |
| Straw | Flower and vegetable Gardens | Cover ⅔ inches thick. Gives winter protection and if spaded into soil adds humus to the land. |
| Strawy manure | General. Shrub beds. Flower gardens. Vegetables. New plantings or old which need nourishment | Best applied in spring ¾ inches thick, but be sure plants are well up and free-standing. A real soil improver and excellent for winter protection. |
| Grass clippings | Deciduous Hedges | Better if left to mulch the lawn itself. Use a covering 1" thick. |
| Stone chips | Rock Gardens | Cracked stone (¼" or ½") moisture retainer, mainly. Use a one inch covering. |
| Mulch paper | Cutting Gardens. Vegetable gardens | Comes in rolls 18 or 36 inches wide with special instructions. |
| Peat moss | Ericaceous plantations | Should be well broken up from bale and cover the surface at least one inch thick after settling. |
| Hemlock needles | Ericaceous plantings and evergreen hedges | Need never be touched. Use a mulch 1 to 2 inches in thickness. |
| Sawdust | Rhododendron and Laurel plantings especially | Best to wet this mulch with hose after application, otherwise it is apt to blow away. Permanent after established. 1 to 2 inches thick. |
| Pine needles | Wild gardens, evergreen plantations, and hedges | Excellent for wild flowers requiring acid soil conditions. Need never be touched. Cover beds with 2 or 3 inches. |
| Living mulches | Established shrub beds. Hedges. Garden spots. Among young evergreens and new plantations | Euonymus, in variety<br>English Ivy<br>Periwinkle<br>Honeysuckle<br>Rose wichuraiana<br>Pachysandra<br>Ajuga reptans<br>Phlox subulata<br>Snow-in-summer<br>Bedding Petunias<br>California Poppy<br>Sweet Alyssum<br>Sedum, in variety<br>Native Ferns |

## Menu Terms

German Fried Potatoes—Cooked potatoes cut in round slices and fried in deep fat.

Gruyère—Swiss type of cheese made in France and Switzerland.

Hash Brown Potatoes—Boiled, chopped fine, seasoned, packed firmly in a greased pan to the depth of about one inch, folded to brown, in a cake, on both sides.

Head Cheese — Jellied, spiced, pressed meat from pigs' heads.

Jardinière—Diced, spicy vegetables.

Jerked Beef—Thin long strips of beef, air dried.

Julienne Potatoes—Cut in long slices, thinner than for French fries and served very crisp.

Julienne Soup—Clear soup with chopped vegetables.

Julienne Vegetables—Cut in long, thin slices.

Kippered Herring — Dried or smoked herring.

Larding—Strips of salt pork inserted into meat.

Lattice Potatoes—Deep fat fried, thin slices of raw potato perforated to resemble lattice work.

Legume—Usually refers to such dried foods as beans, peas, and lentils.

Liederkranz Cheese—Soft, rich camembert type.

Limburger Cheese—Soft, rich, odorous cheese originally made in Belgium.

Lyonnaise Potatoes—Sautéed with slices of onion.

Macedoine—Mixture, usually of fruit or vegetables.

Maître D'Hôtel—Yellow sauce. Butter, lemon juice, parsley, egg yolks, seasoning.

Maître D'Hôtel Butter—Mixture of lemon juice, butter, parsley, salt, and pepper.

Maté—South American tea.

Minute Steak—Sirloin steak without the bone.

Muenster — Semi-hard, German, loaf cheese.

Napoleons — Pastry strips with raspberry jam, cream filling, and frosting.

Neapolitan Ice Cream—Bricks in three kinds and colors of layers.

Nesselrode—A frozen pudding of chestnuts, fruit, and cream.

Neufchatel—Pasty, smooth, mild rich French and American cheese.

O'Brien Potatoes—Cooked, cut in dice and fried with green peppers.

Parisienne Potatoes — Small rounds, cut with scoop. Browned.

Parmesan—Hard, sharp cheese, grated for soups, etc.

Persillade (Parsley) Potatoes—Cooked potato balls melted butter poured over, sprinkled with chopped parsley.

Petite Marmite—A strong consommé with beef, chicken, and vegetables.

Petit Fours—Small cakes.

Pièce de Résistance—Main dish.

Porterhouse Steak—Taken from the loins. Has the largest portion of tenderloin.

Port du Salut Cheese—Semi-hard rubbery cheese from France and Quebec.

Pot Pourrie—Mixture of highly seasoned meat.

Praline—Southern candy of pecans, maple sugar or syrup and cream.

Prime Ribs—Forequarter of beef. Last six ribs.

Primula—Goats' milk cheese from Norway.

Purée—Pulp or paste of vegetables or fruit. Thick soup.

Ravioli—Italian baked main dish of flour, eggs, cheese, chicken stock, spinach, calf's brains and tomato sauce.

Riced Potatoes—Boiled and put through a ricer.

Rissole Potatoes—Cut into shape of large nut, with scoop, and browned.

Roe—Fish eggs.

Roquefort Cheese — Semi-hard, white crumbly, streaked with green mold—France and U. S.

Round Steak—Steak from top of hind leg.

Saccharin—Coal tar substitute for sugar.

Salisbury Steak—Chopped beef, cream or milk, bread crumbs, seasonings, formed into steaks and fried or broiled.

Saratoga Potatoes — Deep fat fried thin slices of raw potato.

Scalloped Potatoes—Thin slices of raw potato, baked in cream en casserole.

Scrapple—Meat from hogshead, corn meal, buckwheat flour, and herbs.

Scrod—Young cod.

Shoe String Potatoes — Like French fried, but cut very thin.

Sirloin—Hindquarters of beef, first rib of quarter to hip, or rump.

Sizzling Steak—Steak served on aluminum platter which has been heated so that steak and juices sizzle.

Spumoni—Italian ice cream.

Spare Ribs—Hindquarter of pork, middle under loin and above.

Squab—Young pigeon.

Stilton—English semi-hard white, blue streaks, spicy cheese.

Suzette Potato—Baked on half shell with whole egg and crumbs.

Swiss Steak—Pounded top or bottom round or shoulder pieces. Simmered slowly or cooked in casserole in oven.

Tabasco—Red pepper sauce.

Table d'Hôtel—Fixed price meal.

T-Bone Steak—Like porterhouse, but smaller.

Tenderloin—Hindquarters of beef, inside sirloin.

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## Some tips for Mrs. Fixit

[*Continued from page 44*]

black insulating paper and see if each of the two screws inside has a bundle of wires hooked around. If one of the bundles is loose or burned away, that is the cause of the trouble.

To fix it, just unscrew the screws and pull out the cord. Then scrape away about an inch of the insulation and covering from each cable, and twist tightly the fine wires that comprise the cable. Then draw the cord back through the hole in the plug and bend one cable around one screw, and the other cable around the other screw. It doesn't make any difference which wire goes to which screw. Fasten the screws tightly being sure no fine wires dangle around loose. Replace the insulating paper and that's all there is to it.

Sometimes the flat plug at the other end of the cord—the end that attaches to the appliance—is at fault. It can be taken apart by unscrewing the screw in the side of the plug, and the wires fixed the same way.

Another electrical job that often needs attention is replacing burned out fuses in the fuse box—usually located in the basement. It is wise to have a supply of extra fuses on hand. They can be purchased for very little at any hardware store and kept in a handy spot.

Usually you can tell which fuse is burned out by the cloudiness or cracks in the little glass window on the fuse plug. Just unscrew the offending plug—it isn't any more dangerous than unscrewing a light bulb—and put in a new one.

Sometimes you can't tell, though, which fuse has come to grief. In that case you will have to try them all out—in the same manner as you find out which light has gone on a Christmas tree strand. In any event, it is wise to have the fuses in the box labeled according to the circuits they control so that when a short occurs you immediately know which circuit is not working.

Windows that refuse to open are an aggravating nuisance. If they are the kind that slide up and down the trouble usually is that the varnish on the upper sill where the lock is has caused the two panes to stick together. Just insert a screwdriver into the lock and pry the two panes apart. Don't try hammering the frame. It doesn't help and only loosens the putty from the glass. If the window squeaks and jerks instead of going up smoothly, rub some soap along the groove on either side.

The soap trick can also be used on drawers that refuse to open easily. Damp weather sometimes causes the wood to swell and stick, but if you rub soap along the under edges of the drawer, the difficulty will vanish.

Every now and then a doorknob will get to the point where it will not work the latch when you turn it. If you look at it carefully you will find a screw just back of the handle and you will probably discover that this screw has become loose. If the handle is not screwed on tightly, you can't expect the latch to turn when you turn the knob. The remedy: a few twists with a screwdriver.

Sometimes the latch itself becomes lazy and doesn't snap out and back the way it should. Try a drop of oil and work it in by turning the knob back and forth. If this doesn't remedy the trouble, something is wrong inside the lock and calls for expert aid.

Window shades that jump back up when you pull them down are another case for Mrs. Fixit. Take the shade down and look at the ends of the roller. One end is plain with just a little knob sticking out. The other end has a ratchet apparatus that catches and holds the curtain when you let go. Sometimes, if the curtain is frayed and worn along the edge, threads will wind around the rachet and prevent it from catching. Sometimes, especially in kitchens, grease and dust will clog it up. In either case, cleaning that end will solve the trouble. If, however, the rachet or the spring inside the roll is broken you will have to call in an advanced fixer or get a new roll.

There are faucets and faucets but most of them work on the same general principles, and most of them leak at some time or another. If you think you're equal to the task—and it isn't very difficult, really—first turn off the water in the basement. Then with a wrench unscrew the cap just below the handle of the faucet. Lift out the handle and down in the faucet part you will see a rubber ball washer attached to a screw. The washer has worn out and permits the water to leak through and dribble into the sink. Take the old washer off the screw and put on a new one, then replace the handle and screw the cap back tight. Of course, different type and size faucets demand different type and size washers. Once you know the kind your faucet takes, keep a supply of them handy.

Don't try to tack down buckling linoleum. Press the linoleum flat on the floor at the nearest seam or raw edge to the buckle and then pair off a thin slice from the edge with a sharp knife. A sixteenth of an inch is often enough to make it lie flat again.

If you attend to a stopped-up sink before it becomes too bad you can usually clean it out without calling in a plumber. There are a number of preparations on the

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market that you can pour down and that will eat out the accumulation of grease and dirt. After you have permitted the preparation to stand in the drain for a little while, run some hot water into the sink and then work a plunger up and down over the drain. The vacuum thus created will usually dislodge any obstacle.

To mend window screens, take a piece of wire screening several inches larger than the hole and ravel the wires on all four sides until you have a wire fringe about a half inch wide. Then bend these wires up at right angles. Place the patch over the hole, letting the wire fringe stick through to the other side of the screen. Then put the whole screen on some flat, hard surface and pound the wire fringe flat with a hammer. This holds the patch firmly in place and makes a neat and not too-conspicuous mend.

One final bit of advice: if you haven't one already, get a small sturdy stepladder; and if you have one, then use it. Don't try to reach the top of a window or any other high place by putting a box on a chair. There are more household accidents caused by women falling from rickety tables, makeshift ladders, or some such unstable support than by anything else. A strong stepstool or stepladder is a wise investment.

## Dollar ideas

[*Continued from page 94*]

ual pie shells on the backs of the muffin tins. The trouble is very little more if you find a large round cooky cutter that will cut the dough of exactly the right size to drop around each mold. A dozen or more can be made at one time and fillings of various kinds added just before they are served, topping them with whipped cream, chopped nuts, browned coconut, or meringue. This idea is particularly useful when members of the family are divided as to favorites in pie. Mrs. A. L. Naslund, Faith, So. Dakota.

### *Vinegar Has Many Uses*

Vinegar has many kitchen uses other than that of seasoning food, some of which are as follows:

1. Wilted vegetables soaked in cold water to which vinegar has been added soon regain their former crispness.

2. A cupful of vinegar added to water in which salt fish is soaking will draw out much of the salt.

3. Round cheese wrapped in a cloth that has been thoroughly

[*Please turn to page 100*]

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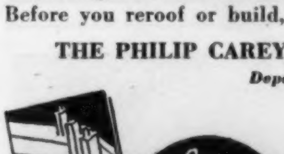

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**furniture makes a sunny living room**

We can show you the very room you have in mind. It is all set up at the store of the Whitney dealer in your town—and you will love it.

No matter where you live—town or country, suburban cottage or city apartment, Whitney Maple fits in graciously, charmingly, enduringly. You will thrill to the authentic Early American designs, the sturdy, custom-type cabinet work, the quality "feel" of the famous Whitney finish.

Visit your Whitney dealer today—we will tell you his name if you don't know it. Look carefully at every piece he shows you and then give yourself a pleasant surprise by asking the price.*

| | | |
|---|---|---|
| *3551* | *Arm chair* | *$28.10* |
| *147* | *Table desk* | *44.00* |
| *3524* | *Cradle magazine rack* | *7.70* |
| *3719* | *Wing chair* | *69.50* |
| *3603* | *Lamp table* | *25.00* |
| *3715* | *Sofa* | *125.40* |
| *3720* | *Coffee table* | *23.50* |
| *635F2* | *Rush seat arm chairs* | *25.00* |

**Prices slightly higher, Denver and west.*

W. F. WHITNEY CO., INC.
South Ashburnham, Mass.

★WHITNEY★

## Dollar Ideas

[*Continued from page 99*]

dampened in vinegar will retain freshness and flavor longer.

4. Very hot, strong vinegar will remove paint from glass.

5. Keep a glass of vinegar at your sink and rinse your hands in it after having them in strong suds. It is more convenient than hand lotion for kitchen use, because it can be applied more quickly and it does not leave the hands sticky. It is also cheaper and just as effective. MRS. H. C. CAMERON, Colby, Kansas.

### *Instead of Cracker Crumbs*

Corn flakes or crackles may be rolled fine and used in place of cracker crumbs when frying fish, salmon croquettes, etc., and will add to the flavor of same. MRS. G. E. HEDGES, Auburn, N. Y.

### *To Prepare Oranges*

Pour boiling water on oranges and let stand five minutes. This will make the white lining come away from the skin and they will be easier to prepare. HAZEL EVANS HAUSER, Cedar Rapids, Iowa.

### *The Secret of His Fame*

A Southern restaurant keeper, noted for the rolls that he serves,

[*Please turn to page 102*]

## In landscaping your home consider simplicity and natural effects

[*Continued from page 62*]

wood add to the appearance of the scheme as a whole.

Native material may or may not make up the entire planting plan, depending upon the style of the design, and the choice of the owner. A very attractive and unusual effect can be secured, however, by eliminating trees and shrubs having highly colored foliage. A planting which conforms to the ordinary country landscape is bound to be consistent, at least, and many interesting and beautiful combinations can be made with native material. These often promote a keener appreciation for similar situations which are common to everyday life. Birds appear more at home in such surroundings and the whole atmosphere is one of contentment and restfulness.

The maximum use and enjoyment can be obtained from a development of this type by a gradual decentralizing of the living quarters from the house to the garden. Rather substantial tea houses may be constructed near the house, yet occupying logical locations in the landscape design so as to combine properly. These may take the place of sheltered porches or terraces which otherwise would be a part of the main structure. Shelters of a more simple nature may be placed beyond the tea house, the entire design terminating in a large pool or similar feature. A long vista through the formal garden treated in this manner brings out the possibilities of use as well as appearance.

**A phase of natural beauty which could not be otherwise realized is emphasized by the formal constructions**

*Look* **West**

*for Your Summer's*

**Vacation**

Let Northern Pacific help plan your summer vacation trip to the fascinating wonderlands of Western America.

Mail the coupon for information.
There is no obligation.

**E. E. NELSON, 241 Northern Pacific Ry.
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Please send me information about train trip to:

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Address..................

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***Route of the Air-Conditioned***
**North Coast Limited**

**HAND KNITTING YARNS**
*LOWEST PRICES*

**FOR SPORT SUITS
COATS — DRESSES
SWEATERS — ETC.**

***MANY OTHER NOVELTY YARNS***

WRITE 400 SAMPLES FREE

**SPECIAL WHITE ANGORA 2 BALLS $1**

Satisfaction or Money Refunded
*A trial order will convince you. Specialists for over 25 Yrs'*
**J. C. YARN CO. (Dept. B-4), 111 Spring St., New York**

**GENUINE OLD VA. HAM**
Real hard-wood smoked and cured from a famous old recipe handed down from generation to generation. Our Genuine Old Va. PEANUT-FED Ham is known to experts on cuisine as the most delectable of all hams. One slice will convince you.
Reasonably priced, only 49c per pound. Uniform quality is guaranteed. Send name, address and state approximate size wanted. Just pay postman when delivered. Cooking directions are enclosed.

**TIDEWATER PROVISION CO.
P. O. Box 506-D, Norfolk, Va.**

**2 DogWorm Capsules**

***NOW Combined in ONE***

NOW you can be sure of worming your dog correctly. The new "can't-go-wrong" Pulvex Capsules expel Tape AND Round AND Hook Worms, all in the same dosing. No chance to guess wrong and use wrong type capsule. No gassing, gagging or harmful effects. Guaranteed. At pet shops, drug and department stores, 75 cents.

**PULVEX** *Combination* **WORM CAPSULES**

## A home built around little comforts

*[Continued from page 31]*

that go into a house is the finish hardware. I was pleased to discover that good reproduction wrought iron hardware could be had without having it made by hand. The HL and butterfly hinges, and similar pieces, make all the difference between a true reproduction and an imitation of a Cape Cod house.

The one thing which merits the most complete study in any house, and which usually gets too little, is lighting. This subject is now a special profession commercially, and well might a lighting engineer be called in on a house. Were it not for the fact that lighting fixtures can be made interesting in themselves, I would prefer to have all lighting concealed. But we found a maker of fixtures with some good ideas, and together with the architect, we had the principal fixtures made specially, at so little additional cost that I wonder how the manufacturers sell stock lights. As previously mentioned, we did not use a riding light at the front entrance, but a big square station lamp with a bull's eye reflector, set on a wooden bracket. In the first and second floor halls are the only ceiling fixtures. The former is a brass telltale compass card, correctly oriented. The drawing of this, of course, appears to have east and west reversed, until you hold it up to the ceiling. The latter fixture is a very realistic star fish. The dining room lights are wall brackets made of pewter trays, with candles before them. To get enough light and avoid the glare of exposed bulbs, shields were contrived, which are easily made from scallop shells about 5½ inches in diameter. They combine utility, ornamental and nautical flavor to perfection. The study has two salty fixtures: one a plain brass cabin lamp, swung in gimbals to keep it upright in any weather. The marine lamp manufacturers are now putting these out wired for standard current, and they give a thoroughly genuine note to marine reproductions. The other light, over the drafting table, was made by removing the clapper from a ship's bell, wiring it and hanging it from the ceiling by a four-strand rope spliced into rings at each end, with the wire concealed in the core of the rope.

These are just a few of the things that make our house interesting to us where it might have been simply a place to hang the old fedora. And best of all, there is no end to the possibilities that can be found in a house to improve upon the little things that count.

1 Sena Rue
SHOWS FRIEND HER NEW "BARGAIN" SWEEPER WHICH SALESMAN SAID WAS THE NEWEST THING ON WHEELS
2
POINTS OUT ITS GREAT "IMPROVEMENTS"— WINDSHIELD WIPER FOR WET DAYS, AND OTHER TRICK GADGETS
3.
TRIES TO EXPLAIN ADVANTAGE OF ITS NEW ZIG-ZAG HANDLE BUT GETS ALL CONFUSED
4
BLUSHES TERRIBLY AS SWEEPER SEEMS TO DO EVERYTHING EXCEPT PICK UP DIRT

5.
FINALLY CONFESSES TO FRIEND THAT SHE THINKS SHE'LL TAKE IT BACK AND GET A BISSELL

**BISSELL**
**The really better sweeper**
**Grand Rapids, Mich.**

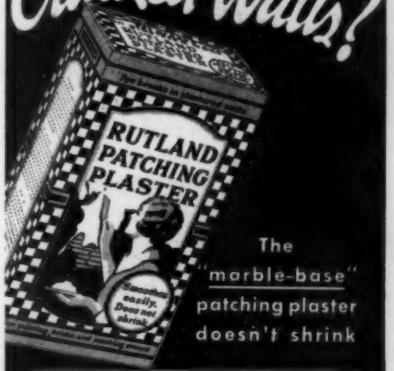
6.
ASKS FRIEND HOW HER NEW BISSELL WORKS

"My new Bissell cleans beautifully! You see —it's the *only* sweeper with real Hi-Lo brush control that automatically adjusts the brush to high or low rug-nap. *That's* why it cleans so much better! No catch-penny gadgets—but a *real* sweeper! A *better-built* sweeper—and better looking! Take a look at some of the new models!"

***Models from $3.95 to $7.50.***

SWEEPMASTER
$5.95

*Cracked Walls?*



The "marble-base" patching plaster doesn't shrink

**Rutland is the original patching plaster containing genuine pulverized marble. Makes a whiter, more durable patch. Sets without shrinking. Easy to use. Just mix with water. Be sure you get Rutland—in the checkerboard box. Rutland Fire Clay Co., Rutland, Vt.**

**HOW TO GET RID OF CORNS**
**—without using pads or knife**

**One Drop Stops Pain Instantly**

Just one little drop of FREEZONE on that aching corn will stop all pain instantly and for good. Then a few more drops of this safe liquid and corn gets so loose you can lift it right off with your fingers, core and all! It's the quickest way known to get rid of hard and soft corns and calluses. Get a bottle from your druggist and try it.

**FREEZONE**

**A FAMOUS TRIO**
***for Garden Lovers***

**Wiss Garden Tools cut so smoothly and easily it's really fun to do your own hedge trimming, pruning and grass clipping.**

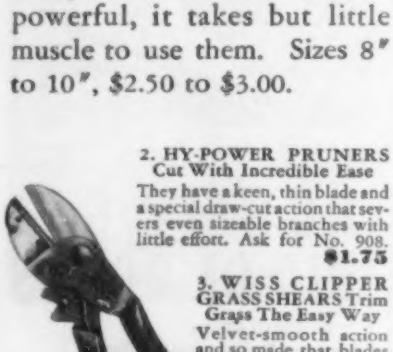
This ingenious rubber bumper prevents arm shocks when cutting

***1. Shock-Proof Hedge Shears, A Brand New Cutting Sensation***

THE new WISS Hedge Shears, above, have a new and sensational "shock-absorber" arrangement, exclusive with WISS, which prevents that nerve-jarring shock on the arms which is so tiring. They're so nicely balanced, so keen, so powerful, it takes but little muscle to use them. Sizes 8" to 10", $2.50 to $3.00.

**2. HY-POWER PRUNERS**
**Cut With Incredible Ease**
They have a keen, thin blade and a special draw-cut action that severs even sizeable branches with little effort. Ask for No. 908.
**$1.75**

**3. WISS CLIPPER GRASS SHEARS Trim Grass The Easy Way**
Velvet-smooth action and so made that blades can be swung apart for re-sharpening. No. 700
**$1.25**



(All prices slightly higher West of the Rockies and in Canada).

**WISS** ***Garden Tools***

*Made in Newark since 1848*

**Mail in Envelope or Paste Coupon on 1c Postcard**

J. WISS & SONS CO. F-4
Newark, N. J.

Mail me illustrated literature showing complete line of WISS Shears and Scissors.

Name ..............................................

Street ..............................................

City .............................. State ..................

confided to me that the reason his rolls were superior in flavor to those served by other good houses, was that he baked his in covered aluminum pans, preferring those shaped like a Dutch oven. And that he always buttered the crusts a few minutes before the rolls were ready to remove from the oven. MRS. M. H. SAMMUT, Washington, D. C.

### *A Surprise for Children*

A drop or two of vegetable coloring added to heavy cream as it is being whipped always proves a delightful surprise for the children's dessert and is a great help in carrying out your color scheme for the bridge luncheon. MRS. ROGER LINCOLN FOSTER, Oxford, Massachusetts.

### *New Test for Old Recipes*

Dry orange peels until brittle and run them through the food chopper. Discard all the hard pieces by sifting and use the orange flour for flavoring. In conjunction with cinnamon, squash, pumpkin, and apple pies take on a delicious flavor. It can be used in fruit salad dressing, custards, ice cream, puddings, and elsewhere, where an orange flavor is desired. LINA R. DEMING, West Brookfield, Mass.

### *Creamy Choclate Fudge*

If you wish your chocolate fudge to be of smooth and creamy texture, mix well the chocolate, sugar, and milk and let stand for about three hours before putting on the stove. Evaporated milk will add richness to the candy. MARTHA BONNETT, Talladega, Ala.

### *Cheese in White Sauce*

One tablespoonful of grated cheese added to each cupful of white sauce before serving will give it the rich consistency of a cream sauce made with real cream. If all small ends of cheese are grated and kept on hand, this uses them to advantage, and makes a sauce that is delicious as well as more economical than those in which real cream, top milk, or much butter is used. JULIA L. SAUER, Rochester, N. Y.

### *Pins Where You Want Them*

Wrap a heavy piece of flannel or felt around the arm of your sewing machine, just above the presser-foot, to stick your pins into while sewing. This way, the pins are always right there handy and when taking them out of the material it is a quicker and much handier place to put them. MRS. H. H. BRUNELL, Alamogordo, N. Mex.

George Washington's favorite Gingerbread
DROMEDARY Ginger bread Mix
Just add water

**made from his own mother's private recipe**

*By special permission of the Daughters of the American Revolution,* Dromedary Gingerbread Mix is based on the 200-year-old recipe of Washington's mother. It is no trouble at all to make. Just add water and bake. We guarantee the most delicious gingerbread you ever tasted—or money back. So tell your grocer to send you some. P. S.—How would you like to own the *"Favorite Recipes of Washington's Mother"*? Just write us for a free copy. The Hills Brothers Company, 110 Washington St., New York City. Address Dept. 20.

Quick Drying
"61"

FLOOR VARNISH

NO polishing. NO floor drudgery. NOT slippery. Heelproof, marproof and waterproof, on floors, linoleum, furniture and woodwork. Get it at paint and hardware stores. Pratt & Lambert-Inc., Buffalo, N. Y.

"PRATT & LAMBERT"
A GOOD HOUSE PAINT

## New furniture has many ways with it

[*Continued from page 28*]

There are also many light-toned woods in modern furniture; harewood, with its fine silvery quality, acacia, bleached maple cherry and the like, which can be classified as "blonde" woods, elm, which is very light, and others similar. These woods, of course, are best set off against dark walls, brown, dark green, or dark bright blue.

Upholstered furniture in the modern group is full of interest. Probably the most dramatic item is the so-called sectional sofa, which can be bought and used in an almost limitless number of ways. Three-sectional sofas are the most usual. They consist of two ends, with arms, and a center without, which can be placed together or separated in various ways. Then there are the circular sofas, which come in quarter sections as a rule, to be assembled as such or as halves. These, in particular, are arousing a considerable amount of interest. The third type in the group is that which has possibilities of even greater adjustability. In it there are corner, end, and center pieces, which can be arranged in front of a fireplace, against a wall, around a corner, according to the architectural design of the room and the groupings desired.

This "unit" idea, as a matter of fact, is quite characteristic of much of the modern furniture on the market, and is one of its advantages. It need not be acquired in a "suite," nor be used as such. For instance, in one collection there are three pieces of exactly the same dimensions, a chest of drawers, a desk, and bookshelves with cupboards. The three can be used together, side by side, in a living room, the desk serve as a bedroom piece, the chest and shelves with cupboards for linen, china and glass in the dining room.

18th century furniture is extremely important in the 1936 picture, and happily so. It has a dignity, a refinement that never will be outlived for many of us. And it is the harmonious thing for any of our homes. It is chiefly in mahogany, with some fine pieces in pickled pine. In both cases manufacturers are to be congratulated on the fine finishes they have obtained. We have soft, satiny textures that have a feel and glow once associated with nothing but antique furniture. It is a great attainment that this is available. If any one style note for 1936 can be stressed, it is that of the Chinese feeling evident in pieces of Chippendale derivation. This is stronger than usual, and takes the form of pagoda lines, as

OK! THEY HAVE A
GIBSON Freez'r Shelf
ELECTRIC REFRIGERATOR

Tested and Approved
Good Housekeeping Institute

**Only GIBSON**
HAS THE MAGIC FREEZ'R SHELF

Gibson offers every feature—every convenience which you would naturally expect a good refrigerator to have—AND, IN ADDITION, Gibson gives you today's newest—most useful and most talked about achievement—the Magic Freez'r Shelf—tested, proven, backed by [illegible] years exclusive refrigerator manufacturing experience. It's Easy to Own A Gibson. See your dealer today.

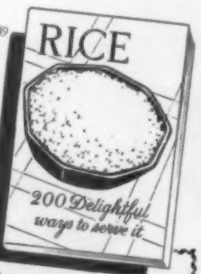
**GIBSON ELECTRIC REFRIGERATOR CORP.**
GREENVILLE MICHIGAN

THERE'S "*Magic*"
IN A BOWL OF . . .

RICE
YOU CAN TRANSFORM IT INTO . . .
MANY DELIGHTFUL DISHES!

Start with a bowl or kettle of properly cooked Rice . . . snowy-white, distinct grains, full flavored and delicious . . . and you have the basis of dozens of tempting dishes! Delicious meat, fowl, sea food, cheese, fruit and vegetable dishes . . . all *go farther* with Rice! Because Rice *extends the Flavor* of costlier foods! Add variety to your menus . . . and save money . . . by serving more Rice. The colorful new book "Rice . . . 200 Delightful Ways to Serve It" is a treasure-house of recipes and menus for the busy home manager. Mail the coupon now for your Free copy!

Try
Rice and Ham . . . *Page 49*
Moulded Rice Ring
With Fruit . . . *Page 57*
Vegetable Cups
With Rice . . *Page 33*


RICE
200 Delightful ways to serve it

*Free*

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SOUTHERN RICE INDUSTRY,
New Orleans, La. U-1

Please send free copy of your new book, "RICE—200 *Delightful Ways to Serve It*," also send "*Rice in a Child's Diet*," if checked ☐

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in the case of a secretary pediment, and in the up-turned ends of coffee tables, and in fretwork decoration. In addition, a few odd pieces are done in black lacquer with Chinoiserie motifs in gold.

While not spectacular among the new furniture collections, mahogany in the Federal and Duncan Phyfe styles must be mentioned in any report that is complete. This is extremely satisfying to many of us and fits well into many of our houses. It is perhaps most successful in bedroom and dining room pieces.

Early American maple is as important as ever in the furniture style picture. Pieces for every room are available, including such 1936 additions as a chaise longue for the bedroom or sitting room, studio couches with maple bases, combination lamp tables, and the hundreds of thoroughly familiar pieces. There are many fine upholstered pieces to go in maple rooms, many chairs and sofas with the extra convenience of a table-arm or a rack at the side for magazines, knitting, and similar articles. In general maple this year is somewhat less rustic, less cottagey, with a dignity which makes it suitable for the larger house or the apartment in town.

## Dollar ideas

[*Continued from page 102*]

### *Safe Razor Blades*

When using a double-edged razor blade for ripping etc., lay a match along one edge and bind it on with adhesive tape. This gives a firm edge and prevents cuts. ANNA KERRIGAN, Connellsville, Pa.

### *Face Powder on Velvet*

If face powder has fallen on a velvet or satin dress, wipe lightly with a white woolen cloth. Every particle will be removed. This holds good for felt or broadcloth. No amount of brush brushing will entirely remove powder. ELSIE CURTISS, Roxbury, Conn.

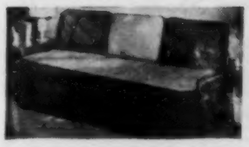
### *Lint on Woolens*

A plain rubber bath sponge used as a brush will remove lint and dust from wool dresses quickly. This simple method has been found very useful especially for wool crêpe frocks. MARION SIMMS, Hollywood, California.

### *Thanks, Mrs. Lebohner*

A very acceptable gift for a first wedding anniversary, which is the paper anniversary would be one or more year's subscription to THE AMERICAN HOME. MRS. G. F. LEBOHNER, Roslyn, L. I.

THE REST IS EASY—
WITH A PERFECT SLEEPER
It has no tufts!
$39.50*



**Artistic and modern in design—contains tuftless inner-spring mattress—luxurious as a twin or double bed—choice of colors and of models.**

**West Coast prices slightly higher.*

HERE is a smooth surface for better sleep—the Perfect Sleeper. It's built as a mattress should be—*tuftless*, not only on the surface but through and through. It is luxurious, made of the highest quality materials and beautifully designed. And you can afford it. Box springs to match. At your department or furniture store. Sleeper, Inc., 30 Factories from Coast to Coast.

PERFECT SLEEPER *Mattress*
PATENTED the original and only completely practical tuftless inner-spring mattress

SLEEPER, INC., Dept. E-1
Space 1405-07, American Furniture Mart
Chicago, Ill.

Please send, free and without obligation to me, your illustrated four-color "Billy Sleeper" booklet describing the Perfect Sleeper mattress; also studio couches.

*Name*________
*Address*________
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*The* FLYING YOUTH
TRADE MARK

*Patent Applied for*

No. 10, $49.75
(Slightly higher in far West)

3 pieces in one...
Bed, Bookshelf, Cedar Chest

■ **Klerner Studio-Cedar Chest Bed—with dresser, vanity and desk chest to match—all styled in a startling new design for the young people of today! Note propeller-effect footboard and radio-dial knobs on the large Solid Cedar, dustproof drawers for bedding or linens—Studio headboard for books, radio, etc.**

**Another of the patented Studio-Cedar Chest Beds which have been previously shown in other designs. Write now for further information and name of dealer nearest you.**

*The Mark of Klerner Craftsmanship*

PETER KLERNER FURNITURE CO.
*Established 1873*
1824 Main Street, New Albany, Ind.

These Choice New Things
Cost No More Than Old Ones

Reg. U. S. Pat. Off.

What's the sense of buying a lot of the usual old things this year, when you can have Wayside's new ones costing but little, if any more.
Here are just four of the many new Wayside things well worth your having. Send for Catalog. 16 of its pages have true color illustrations made direct from the blooms themselves. It is not too much to say there isn't a Catalog its equal issued in this country.

Patent No. 118

1 **New Korean Mums**
No use trying to describe them. See Catalog. Shown in color. Prices very reasonable.

2 **New Gaillardia Sun God**
A true chamois-yellow, clear and bright. Blooms 3 to 4 inches across. 3 plants for $1.25—12 for $4.50.

3 **New Gladioli and New Dahlias**
A dozen or more, each seemingly better than the other. See Catalog for prices.

**Wayside Gardens**
12 Mentor Avenue, Mentor, Ohio
*Owners: Elmer H. Schultz and J. J. Grullemans*
*Distributors of Sutton's Seeds.* *Send for Seed Catalog.*

OUTCUTS all OTHERS
"Snap-Cut"
PRUNER
Pruning

Expert gardeners everywhere say it cuts easier, closer, cleaner. Rustproof chrome finish; non-pinching grips; new "one-hand" catch. Two sizes. Surprisingly economical. $1.75 (Ladies' size $1.25) postpaid.
**"Secrets of Success in Pruning"**
This valuable 40-pp. book free with purchase of a "Snap-Cut" Pruner, or sent for 10c.
**Seymour Smith & Son, Inc.**
**24 Main St. Oakville, Conn.**

"Creeping Bent IS WELL NAMED"

Enthusiastically writes J. W. Whyte, 163 Johnson St., Salem, N. J. "No room for crabgrass when SCOTT'S CREEPING BENT gets a good stand." Mrs. H. H. Quinlan, Laurellin, L. I., N. Y., says, "The only lawn like it in this neighborhood. Others on the block were picking crabgrass all summer and envied me because I had none." You, too, may enjoy a lawn of rare beauty if you would give SCOTT'S CREEPING BENT a chance. A free copy of BENT LAWNS will start you off right. Send for yours today.

**O. M. SCOTT & SONS COMPANY**
**57 Main Street Marysville, Ohio**

THE Easy, Economical WAY TO WELL-KEPT LAWNS
JACOBSEN
POWER MOWERS
SEND FOR CATALOG

Jacobsen Power Mowers are designed to provide easy, economical lawn care. At a mere trifle of operating cost, either the roller-driven "Estate 20" or the wheel-type "Simplex" will do a nicer job without burdensome work—and in one half the time required with a hand mower. The "Estate 20" is suited to fine lawns that need frequent rolling. The "Simplex" is adapted to lawns where a roller-type mower is not desired. These machines are quality-built—of extreme simplicity—and priced as low as $125.00. Mail the coupon for detailed information. Jacobsen Manufacturing Company, Racine, Wis.

Jacobsen Mfg. Co., 742 Washington Ave., Racine, Wis.
Factory Branch—Dept. M., 101 Park Ave., N. Y.
Please send me catalog of Jacobson Power Mowers.
Name ..................................................
Address ..................................................

# GARDEN FACTS and FANCIES

Leonard Barron

NATIONAL Garden Week, being celebrated in the third full week in April, this year falls from the 19th to the 25th. Garden clubs in many sections have made arrangements to give some form of recognition at this time and thus gather new energy for a year of outdoor garden activities.

Definitely, garden clubs are awakening to a consciousness that gardening concerns itself with the growing of and acquaintance with plants. Consciously, they are making efforts to get back to the soil from which they started. The intensive phase of interior decoration known as floral arrangement seems to be subsiding to its proper place.

The Garden Club of Virginia has its seventh visiting garden week April 27 to May 3, affording an opportunity to many to visit privately owned historic estates which are not ordinarily opened to the public. Of course, there is a small entrance charge. The proceeds of these tours are used for the restoration of the grounds and gardens of other historic places. Among the historic gardens which have been restored by the Garden Club of Virginia are: Kenmore at Fredericksburg—the home of Betty Washington Lewis, the only sister of George Washington; Stratford, the home of the Lees and the birthplace of General Robert E. Lee; The Manse in Staunton, Virginia, the birthplace of President Woodrow Wilson; the grounds of the Lee Chapel at Washington & Lee University; and two places now in process of reconstruction—Wilton, said to be the most beautiful and representative specimen of Colonial architecture in Virginia, and Smith Plantation in Surry County, a grant to John Rolfe, the son of Pocahontas, who is said to have built the small, very charming brick house, which has been recently restored. These places and more than one hundred others, ancient and modern, may be visited during garden week. Details of all the special places to be visited this year can be had from Mrs. Thomas S. Wheelwright of the Garden Club of Virginia at Richmond.

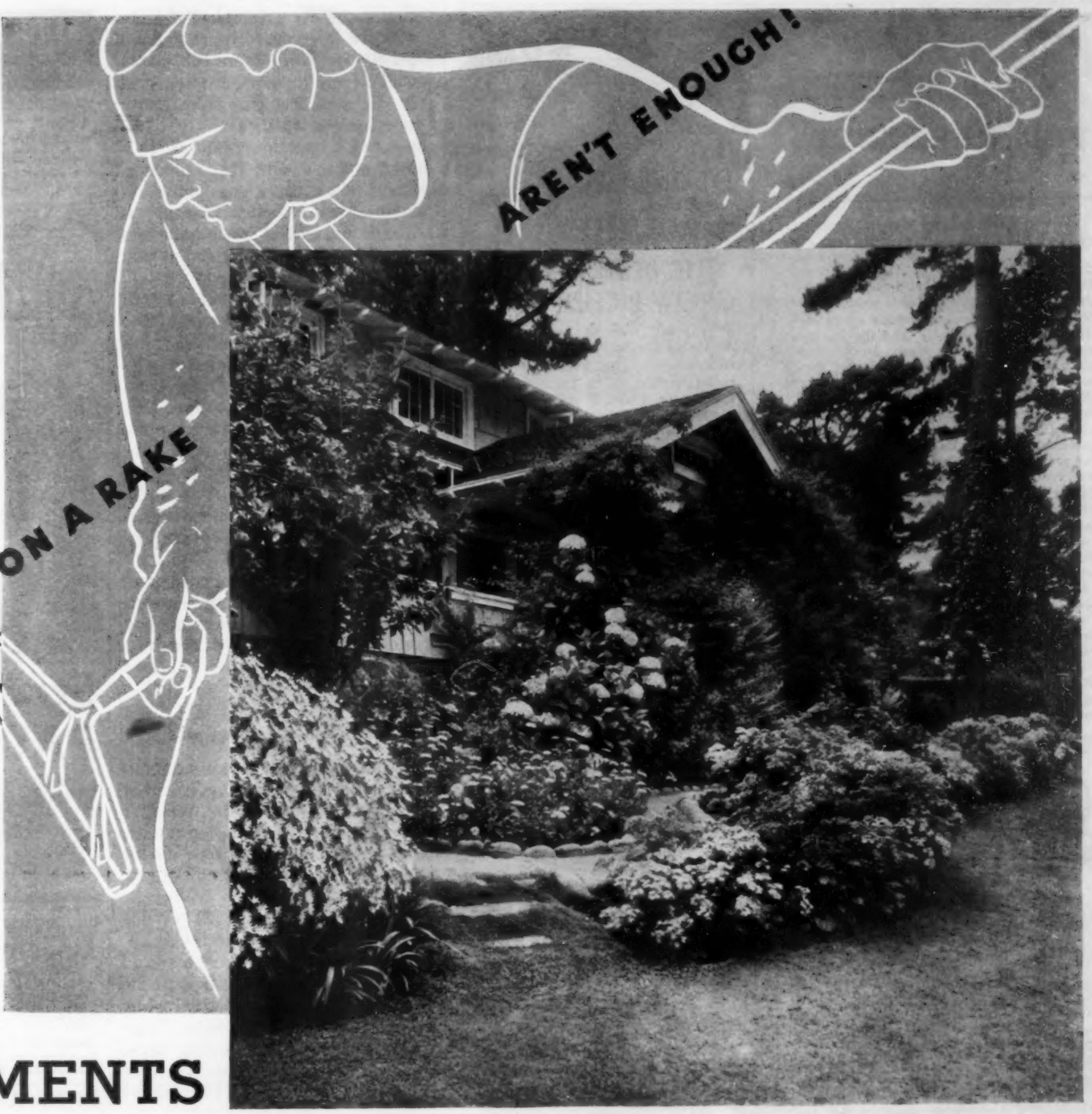
In addition, the Fifth Annual Pilgrimage sponsored by the Natchez, Mississippi, Garden Club to the old estates of that historic region begins March 27 and continues to April 5. In recreating the days of the Old South at this time, twenty-seven ante-bellum houses will be opened to visitors.

## Centennial of the Nordmann Fir

THIS year, gardeners can celebrate the centennial of the discovery of one of the most magnificent of all the ornamental coniferous evergreens, the Nordmann Fir, which commemorates in its name its discoverer in the Crimea region. It was twelve years later, true, before it was introduced into cultivation by way of England.

Its distinction as an ornamental plant is that it has the darkest green color of all the Firs. There is no question about that, and nothing in the whole category of

The striking accent note given by the Nordmann Fir accomplishes much in giving this garden character and dignity. J. Horace McFarland Co. photo



# 3 ELEMENTS IN A PLANT FOOD AREN'T ENOUGH

All growing things must get *eleven different food elements* from the soil, say plant nutrition experts. Yet ordinary fertilizers—bone meal, manures, sewage products—provide only two or three. . . . That is why home gardeners, after spending time and money, so frequently fail to get the beauty they want.

**Supplying ALL ELEVEN of the food elements needed from the soil . . . Vigoro will do all these things for your garden:**

**• Develop thick, springy turf with no thin spots. • Help choke out the weeds. • Develop deep, drought-resisting grass roots. • Develop large, colorful flowers with strong stems. • Help plants resist disease. • Give new life to trees and shrubs. • Develop early, delicious vegetables.**

*This year,* take no chances. Use the *complete* plant food—Vigoro. It supplies *all eleven* of these necessary elements to your grass and flowers, to your shrubs and trees—and supplies them in scientifically balanced proportions!

You'll be thrilled when you see Vigoro's results in your garden—thick green turf on your lawn; flower beds full of big, gorgeously colored blossoms, thriving trees and shrubs; earlier, bigger vegetables.

You'll be amazed how easily, with this complete plant food, you can overcome many common gardening troubles due to partial starvation.

Over a period of many years, home gardeners everywhere have had such splendid results with Vigoro that they've made it by far the largest-selling plant food on the market.

Vigoro is sanitary, odorless, safe. Unlike bone meal, sewage and similar fertilizers, it does not encourage worms and pests, contains no weed seeds. It's easy to apply, either by hand or with an inexpensive Vigoro spreader. It's economical; you need only 4 pounds per 100 square feet. And results with Vigoro are *sure.*

Order Vigoro *now*—enough for everything you grow. And apply it early; *right now* is the best time to give grass and perennials a square meal.

All through your garden you'll see the beauty that comes from feeding this plant food that's *complete* with eleven vital food elements.

FEED EVERYTHING YOU GROW . . . WITH

# VIGORO

THE COMPLETE, BALANCED PLANT FOOD

Timely TIPS FOR GARDENERS

When you see beautiful flowers in garden catalogs—the very kind you hope to grow—remember that the best seeds and plants, even with plenty of fertilizer and long arduous hours devoted to their care, cannot be expected to produce lovely blooms unless the soil is properly conditioned. The propagation of seeds and the successful growth of any plant or shrub, depend largely on what goes on in the soil—whether there's sufficient food, water, and air to nourish and develop a healthy root system.

Soil conditioning is unquestionably the most important factor in successful gardening and P.I.C. Emblem-Protected Peat Moss—"the Mother of Humus"*—is the acknowledged perfect soil conditioner. It readily makes humus—absorbs and holds water-soluble fertilizers for use of plants—maintains moisture constancy—aerates the soil and prevents baking—breaks up hard clay soils and gives body to sandy soils. Used as a mulch, it also reduces weeding and cultivating labor.

For best results buy your Emblem-Protected Peat Moss early—at least six weeks before you plan to use it. Spread it out over the ground. Let the moisture get into it—use a hose if necessary—then dig and mix it well into the soil and plant your seeds, perennials, shrubs, or bulbs.

Be sure to mix Peat Moss with loam and sand for your seed boxes and cold frames. This increases the percentage of seed germination and enables you to avoid transplanting losses later on. Always mix Peat Moss with the soil before you plant anything. This provides the natural atmosphere needed for the development of vigorous root systems.

If you are going to make a new lawn or renovate an old one, be sure to dig Emblem-Protected Peat Moss into the soil. Its remarkable ability to store moisture for long periods will keep your lawn fresh and green—even during summer's hottest spells. To make a satisfactory, all-around earth for rock gardens—mix your soil thoroughly with Peat Moss. This will give you the needed moisture and porosity.

Emblem-Protected Peat Moss is sold under various trade names by high grade dealers of horticultural supplies. Be sure to look for the P.I.C. Triangle stenciled on the side of each bale of peat moss you buy. It is there for your protection. It guarantees highest quality.

For the sake of your garden, make the "Squeeze Test" of your soil. Write today for details. Also for valuable bulletins listed below. They are FREE for the asking. *Trade mark

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FREE VALUABLE GARDEN BULLETINS

Learn how to make this "Squeeze Test" for the proper organic content of your soil.

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PEAT IMPORT CORPORATION
Educational, Advertising & Research Dept.
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HENRY A. DREER
305 Dreer Bldg. Phila., Pa.

coniferous evergreens has a more massive dignity. Given a good loam, the Nordmann Fir grows well up into the northern belt, and is a dependable tree from many standpoints. It isn't easily damaged in wintertime and carries a load of snow with real grandeur. Another attribute that makes it adaptable to garden planting is that it will endure some shade and will succeed equally in almost any exposure.

How long the individuals will endure in cultivation, we do not yet know. One hundred years has proven such a little time for adequate acquaintance. Its evident long endurance and the fact that specimens in cultivation have attained heights exceeding one hundred feet should give pause to the too ready planting of such a tree in very small areas unless there is a full understanding of future possibilities.

As an individual specimen tree, its deep, almost black, green tone gives it exceptional individuality and it is certainly one of the most handsome and most desirable of all the Firs.

### *What do moles eat?*

Conflicting evidence accumulates. The mole is no friend of the gardener, that is sure. Whether he feeds on the bulb, or not, is really immaterial. From Great Neck, New York, Mary Clark writes:

"Do moles eat bulbs? They do! My home is in Portland, Oregon. Mother and the neighbors make ax holes in old pails and plant choice lilies in them for safety. Insects would go through the holes. They eat other bulbs too but seem specially fond of lilies. We have had years to watch and learn about these moles. If insects were eating the bulbs we would see some of them at least. And it would take quite a flock of bugs to clean out a whole tulip bed. There is no lack of mole hills when the bulbs are disappearing. A few people think the 'gray digger' may be responsible. Those are unobservant folks who have read that moles don't eat bulbs. However, I won't say that 'diggers' don't eat any bulbs. I've never looked into the matter."

And again from Avon, New York, Mrs. Selden contributes:

"An incident occurred here recently that may shed some light on what moles eat. In spite of all I have heard and read even in Farmer's Bulletin No. 1247 I submit these facts: A tray of peanuts was placed in the greenhouse to dry this fall. The peanuts, by the way, were illegal, being raised without benefit of U. S. Government permit—at all events, the ¼ bushel crop raised from a similar amount of seed was grown in our Western New York garden partly as an experiment and partly to amuse the

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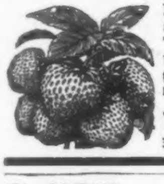

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Large field-grown plants, guaranteed to bloom
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children. Our greenhouse is a bit down at the heels and a mole—common eastern mole—came into the greenhouse, climbed the tray or wooden seed pan, and took out a peanut by pushing and shouldering it along and over the edge of the box out onto the bench and under a wooden sill where little Scalopus aquaticus had set up housekeeping. The gardener set a trap in the runway the mole had established in carrying away two or three dozen peanuts, and the mole was caught and killed in mouse trap. The gardener then investigated under the sill, where he found a lot of fragments of shells of peanuts apparently torn up with the hands or claws of the mole, but no trace was found of any of the peanuts. There was every reason to believe they had been eaten by the animal that made such an effort to get them out of the seed pan. This fantastic tale is vouched for by our gardener. Unfortunately, I was away when the incident occurred or I would have tried to investigate further. At any rate, the mole was seen rolling the peanut in daylight along the runway and was caught in a trap there."

* * *

*A correction:* The illustration on the top of page 30 of the February issue of THE AMERICAN HOME was actually Phlox drummondi gigantea Art Shades, but by a typographical accident it was labelled Petunia.

* * *

### *Flower Shows to come*

March 14 to 22:
Seventeenth Annual National Flower and Garden Show, Fifth Regiment Armory, Baltimore, Maryland.

March 16 to 21:
Twenty-third Annual International Flower Show, Grand Central Palace, New York City.

March 21 to 29:
Tenth Annual Chicago Garden and Flower Show, Navy Pier, Chicago, Illinois.

March 23 to 28:
Sixty-fifth Annual New England Spring Flower Show, Mechanics Bldg., Boston, Mass.

March 23 to 28:
Twenty-first Annual Philadelphia Flower Show, Commercial Museum, Philadelphia, Pa.

March 28 to April 3:
Annual Michigan Flower and Garden Exhibition, Convention Hall, Detroit, Michigan.

March 27, 28, 29:
Annual Convention and Show, Northwest Florist Ass'n., Davenport Hotel and Civic Auditorium, Spokane, Washington.

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18" cut
4 other sizes up to 27" cut.
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**E. C. STEARNS & CO.** ESTA. 1864 SYRACUSE, N. Y.

## Gardens and Morals

[*Continued from page 11*]

and that a healthy, happy, interested individual is an asset both to himself and to his community. Bodily fitness restores morale as does nothing else. Recently a group of famous persons was asked "What is your greatest wish for Christmas?" Andre Maurois, a gifted Frenchman, answered, "Give me good health and I will take care of the rest." A wise answer and one avenue to good health is the making of a garden.

We have always been taught to believe that laziness was an immoral vice. Being a farmer's wife, I think its dangers have been greatly overestimated. Gardening then, must be a highly moral force, because it completely eliminates the possibility of laziness. Merely to watch the constant and persistent activity of the garden pests incites one to a frenzy of industry.

Women should be especially interested in the physical reward of garden making, as it is the best known method of reducing. As a melter of superfluous avoirdupois, gardening has no equal. It beats the unpleasant chore of dieting, and is far more pleasant than the Turkish bath. Not only will gardening restore that youthful willow wand feeling but it may even change your personality for the better. I have a charming sister-in-law to whom that very thing happened. She too was bitten by the gardening bug. Formerly she was a creature who adored the glamourous trinkets of femininity. On her birthdays, her husband was wont to ask her what she wanted for a present (you see he is a very nice husband). Usually she asked for a bracelet or some such luxurious gadget so dear to a woman's heart. But since she has the gardening fever, she is different. Last spring when her husband asked what she wanted, he was completely amazed to hear her answer, with a wistful note in her voice, "Could you give me two loads of fertilizer?"

So if you have a personality that you want to change, perhaps gardening is more efficient than the various "courses" so highly advertised.

The recurring mental benefits from gardening are even more important. Today we hear so much of the advantages of a highly technical education, of a purely academic development, of an acquired culture. Yet none of these is complete in itself. No development of taste in art and letters, no focus of study in abstract sci-

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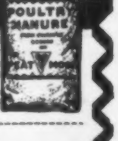

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ence, can ever take the place of one's knowledge of the earth's processes and mysteries. The life of the earth is the fundamental spirit of all growth.

Gardening itself is a veritable education in the life of the earth. The whole history of education is incorporated in gardening. The ideal, the working plan, the labor, the consummation all take their place in the mental education by gardening. The moral quality is particularly apparent for a failure in a garden is never a defeat; it is an experience, and by experience we learn to live. As in all education, the reality rarely approaches the ideal, but we have the soul satisfying experience of attempting the ideal. Rarely indeed, does the answer in my garden look like the picture in the seed catalogue. But I have gained the strength of trying!

Some wit has devised a simile which is both true and very sad: "As deceptive as a seed catalogue." But as a text book for true education, nothing can equal a seed catalogue. It inspires with a standard of perfection that arouses every instinct of good intention. That in itself, is good morals.

Another virtue of an education by gardening is that it may be distinctly a matter of adult growth. Years matter very little in this job of making a garden. In fact, gardening has the moral value of being one of the most soothing antidotes to the swift rush of oncoming years. Just so long as we can bend our back and focus our muscles, a garden is a possibility. Chesterton makes a delightful paradox about education: "you are educated only as long as your education remains unfinished." Thus gardening is true education, for it is never finished.

Another mental discipline of gardening is the real appreciation of the law of order. Those who live beautifully know that the divine order is a part of natural life. Those who think beautifully know the value of orderly thought. A certain fine regard for order is the basis of true existence. Gardening certainly impresses this law of order and right sequence. By gardening, we are instilled into the orderly procession of the seasons, the steady march of life and death, the sweet precision of things done in their proper time, the whole orderly plan of the universe is profoundly understood. We even learn to live in a more orderly pattern. The mental insistence of a garden is deeply valuable to the education toward a better life.

But more than its physical benefit, more than its mental stimulus, a garden is a spiritual asset. There is found in making a garden the most important as-

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A THOROUGH raking, an application of Henderson's Lawn Enricher and a re-seeding with Henderson's Lawn Grass Seed will make sure that you will have a "Better Lawn" all next summer.

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Hauck Kerosene Flame Gun—2000°F. controlled heat—destroys weeds (seeds and all), brush, poison ivy, sumac, insect pests, etc. Hundred and one uses. Keeps walks, roads, driveways, fences, etc., free from objectionable growth. Inexpensive—Safe—Easy to Operate—Does work of 4 men. 10 days free trial. Free booklet. Deliveries from Brooklyn, Chicago, San Francisco.

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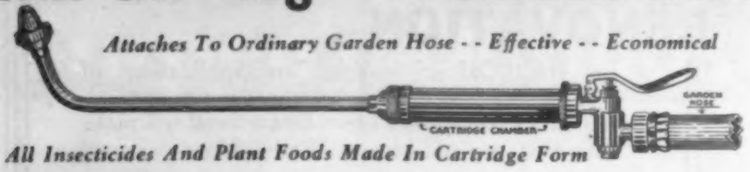

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GIVE your seeds and perennials a real chance to produce the beautiful flowers you want. Before planting your garden or lawn this year, first condition the soil with G.P.M. Granulated Peat Moss. When mixed with the soil this garden miracle worker readily makes humus, keeps the soil well aerated and stores up moisture and plant food for use of plants during dry spells. It stimulates vigorous root growth—the secret of all healthy plant life. Used as a mulch G.P.M. prevents soil hardening, cuts down weeds and saves many hours of cultivation.

For best results, insist on G.P.M. Peat Moss. Pressure packed bales assure more peat substance for your money. The "green" bale head distinguishes G.P.M. from loosely packed inferior grades. Order G.P.M. today from your dealer or direct. 20 bushel pressure packed bales, only $4.00.

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***Colorful—Beautiful***

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*SPECIAL . . . Lilies "Gems of Color". 1 Yellow Chromatella; 1 Pink Opal; 1 Blue Beauty. All three for $3.00.*

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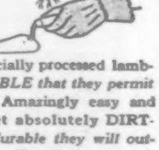

A new type of glove, of specially processed lambskin, so *SOFT and PLIABLE that they permit almost barehand freedom* Amazingly easy and comfortable to work in, yet absolutely DIRT-PROOF *and so tough and durable they will outwear 6 pairs of fabric gloves* Practical, economical hand protection *for both men and women.* Wash them if you like Wear them at all tasks—gardening, housework, garage, furnace, etc

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NATIONAL EEZY WEAR GLOVES

sistance to our personal philosophy. Through the intangible effect of this sensitiveness to the orderly life of the earth is acquired a strength that functions not only for our own personal resistance to unhappiness but contributes largely to our value as a citizen. We increase in decency, civilization, and culture. There is no really cultured person who does not respond to the life of the earth. Knowing and loving the earth does enhance this business of living. It establishes an escape and an experience that does aid us in the sordid round of detail. Nothing much matters when we are in the absorbing act of gardening.

It is amazing how gardening increases our sense of the mystery of life. This digging in the black loam of the soil, this planting of a tiny seed and its resultant wonders, does bring back something of that deep appreciation of the divine pattern that is akin to a religious ecstasy. You become not only conscious of the strange renewal of life but you become part of it. Once you have experienced that partnership with nature, it is impossible to do without it. A nostalgia for a garden possesses us when we are torn from it, and nothing makes us completely happy until we are on our knees to the earth again. A garden is at once a temptation and a challenge. We may work, sweat, plan, struggle; but one tall spire of curving delicate Columbine will rest our aching muscles; one straight shaft of heavenly blue delphinium will answer our wonder about life. A garden is the answer to all human doubt.

Although the physical, mental, and spiritual benefits do accrue to the personal regeneration of the gardener, and do serve to increase his sense of a happy philosophy of life, the greatest of all moral values of a garden is not what it does to the individual but to the community. Turning a deadening waste of brown earth into a riot of beauty and color, in short making a thing of beauty where none existed, is in itself an act of highest morality. If we can make our community garden-conscious, we have added to the happiness of the world—no small achievement.

We need beauty, kindliness, and happiness. All over this harassed world, we need the qualities that come from unselfish coöperation. Even if you and I persevere with a rich energy and a constant ideal of beauty, we may help by making a garden. This fusion with the earth, this dim vision of the eternal pattern, this eagerness for beauty, all grow with the making of a garden. All these splendid and fundamental virtues that we put into the making of a garden

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**Gold Medal Hybrids,** *Lavender to Purple*
Strong Hardy Plants. Long Showy Spikes of Flowers. Bloom until frost. Your choice.

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***Special Jap. Prize Novelty***

5 **Gypsophila Oldhamiana** *Baby's Breath. Award of Merit Royal Horticultural Society 1935. Large Pink Flowers, Tremendous profusion until late Autumn. Hardy. A $2.50 value. Single 25c.* $1

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"Flowers for Madame"

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USE "BLACK LEAF 40"

Experienced gardeners know that "Black Leaf 40" gives effective, economical protection. It has double killing action—by contact and also by fumes. A little makes a lot of spray.

HAS MANY USES

"Black Leaf 40" sprayed on shrubs and evergreens prevents staining by dogs. It kills insects on vegetables and fruit. Kills poultry lice and feather mites. Directions on labels and free leaflets.

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SUCCULENTS

Featured in the April GARDENERS' CHRONICLE is an article on "Succulents and Cacti" by Ladislaus Cutak of the Missouri Botanical Garden. Those who grow these plants (either indoors or in the garden) will appreciate Mr. Cutak's expert advice. Among the many other fine articles in this issue, are "Lawn Care" by Charles K. Hallowell and "Herbs" by Annie B. Carter. Send 25c for your copy today or, if you prefer, try an introductory subscription of 5 months for $1.00. $2.00 by the year.

GARDENERS' CHRONICLE
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5,000,000 Strawberry plants Mastodon, Dorsett, Fairfax, Catskill, Premier and other Leading varieties. Raspberry and Blackberry plants. Grape Vines, Currant and Gooseberry bushes. Asparagus roots. Our Spring 1936 Catalog is chuck full of good things. It's free. Write for it.

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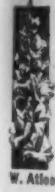
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Three Machines in One. Ideal for the estate owner.

Gravely Motor Plow & Cult. Co.
BOX 632
DUNBAR, W. VA.

Cultivates your garden.... Cuts the tallest weeds.... Mows your lawn.

Write for facts.

## Plants that like lime

[Continued from page 20]

The majority of trees grow best on neutral or acid soils, but Catalpa, Redcedar, Hickory, Walnut, and Yellow Locust are sensitive to soil acidity and thrive on well-limed soils. In fact, a native grove of Yellow Locust is always an indication of an outcrop of limestone. The Chestnut Oak and Walnut grow naturally on limestone, though the latter can be raised on slightly acid soil. The She-Oak (Casuarina) an evergreen of the southwest resembling the Pine, must have a strongly alkaline soil.

The late E. H. Wilson, in describing the various ornamental Crabapples introduced by him from Asia, said: "A good stiff loam is ideal for these Crabapples, and they do not by any means object to lime." Our Hawthorns thrive on heavy lime soils and the alkaline loving Buffalo-berries (Shepherdia argentia and S. canadensis) are beautiful plants when that simple need is supplied. The Bottle-Brush (Callistemon) demands an alkaline soil, and the beautiful Garlandflower (Daphne cneorum) will do much better when given a slightly limed soil. The Shrubby Clematis and large flowered Clematis climbers all do their best

[Please turn to page 112]

## Gardens and morals

[Continued from page 110]

will in some measure find their sweet way into the heart of the beholder.

Deep in the oldest tradition of the human race dwells an affinity with the earth. From her fertility we gain bodily sustenance; from her natural law we gain stability of order; from her patient revivals we learn the lesson of resurrection.

There is a keen awareness of the mystery of life in the steady routine of a garden. The dull, dormant seed, sunken into the warm bosom of the earth; the welcome slash of the silver rain, the wonder of the first green shoot, the bud, the blaze of blossom, the whole cycle of life, unfolded and made known. Is it any wonder that uniting in this cycle, living and partaking of its mystery, every gardener who plants a seed, regards his garden as a moral blessing? I would teach morality by making a garden!

ANYTHING grows better with PEAT MOSS

Lawns, flowers, vegetables, trees . . . ANYTHING grows better if you use Premier Swedish Peat Moss because it aerates the soil—lets plants breathe—discourages weeds—stores water and plant food until needed—cuts down water bills and labor.

Certified Premier Swedish is distinguished by its higher absorbency—finer granulation—easier use (non-caking)—greater bulk per bale—and greater economy—PLUS *vacuum cleaning* by patented process.

FREE! NEW LEAFLET WITH CHART for the whole year (compiled by garden authorities)—tells *how, when, where* and *why* to use *Premier* Swedish Peat Moss outdoors or indoors. Gives you new joy in Gardening. Premier Peat Moss Corp., 150 Nassau St., New York City.

*Mail us your name and address:*

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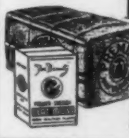
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Mow BIG LAWNS WITH One Hand Ease!

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$110 EASY TERMS

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Cyclone Fence

UNITED STATES STEEL

## Plants that like lime

[*Continued from page 111*]

on limed soils and the latter should also be placed where they can be sheltered from trying winds and hot sun.

The ideal bed for growing Cactus is a mixture of sand and old lime mortar placed in a sunny hot location. Some of our favorite perennials display a decided preference for alkaline conditions. All the Aquilegias, except the Rocky Mountain Columbine, love a limey soil and Delphiniums and Gypsophilas enjoy the same conditions—the very name of the latter even tells you so! Gladiolus will grow well in good garden soil, but if Sorrel (Sour-grass) be found in the same location, lime should be added. All the rhizomatous Iris need an open sunny place and prefer some lime or old lime mortar mixed with the soil. At the time of planting Peonies, five pounds of lime to each one hundred square feet of ground surface is advised by some good growers, and the gardener who raises lovely Flaxes will give them their favorite conditions—a light, limey soil with good drainage.

Among the annuals asking for alkaline soils are Mesembryanthemum, Sunflowers, Poppies, Candytuft, Sweet Alyssum, Impatiens, Carnations, Mignonette, Nasturtium (Tropaeolum), Phlox, Pansies, Hunnemania, Scabiosa, Dianthus, Stocks, and Asters. All these will succeed best in a loose well limed soil, the lime applied at planting time at the rate of one pound to twenty-five square feet of bed every two years. Sweet-peas do best in slightly alkaline soil secured at the time of planting by adding five pounds of lime to every one hundred linear feet of trench, on an average medium soil.

All the following rock garden plants grow most freely when set in well-drained lime-impregnated soil or among lime stones, in the sun: Dryas octopetala, Anemone pulsatilla (Pasque-flower), Androsace, Dianthus alpinus, Aethionema, Tulipa saxatilis, and T. kaufmanniana, Omphalodes luciliae, Aster alpina, Edelweiss, and the encrusted Saxifrages.

Polypodium calcareum, or Limestone-fern, is a form of the Oakfern thriving among pieces of limestone rubble in the shade.

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